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SEVENTH SESSION

OF THE

TWENTIETH LEGISLATURE

OF THE

PROVINCE OF ONTARIO

SESSION 1942

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1943

FOR PART III

PUBLIC WORKS

GAME AND FISHERIES

LABOUR

EDUCATION

UNIVERSITY OF TORONTO

BIRTHS, MARRIAGES AND DEATHS

DEPARTMENT OF HEALTH

HOSPITALS FOR MENTALLY ILL, ETC.

REPORT

OF THE

Minister of Public Works

FOR THE

PROVINCE OF ONTARIO

FOR THE

TWELVE MONTHS ENDING MARCH 31st, 1941

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 8 — 1942

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1942

To:

The Honourable Albert Matthews,
Lieutenant-Governor of the Province of Ontario.

May It Please Your Honour:

As required by law, I submit for the information of Your Honour and the Legislative Assembly, the Annual Report of the works under the control of the Public Works Department, comprising the reports of the Deputy Minister, the Architect, Engineer, Secretary and Accountant, for the twelve months ending the 31st of March, 1941.

Respectfully submitted,

F. R. OLIVER,
Minister of Public Works.

Department of Public Works, Ontario,
Toronto, April 10, 1942.

REPORT

OF THE

Deputy Minister of Public Works

The Honourable Farquhar R. Oliver, M.P.P.,
Minister of Public Works,
Parliament Buildings,
Toronto, Ontario.

Sir:

I have the honour to submit to you the accompanying reports of the Architect, Engineer, Secretary and Accountant, for the financial year, April 1, 1940 to March 31, 1941.

Architect's Branch

To facilitate the war effort, all construction has been curtailed to absolutely necessary items and to such projects that were contributing to the various phases of the conduct of the war.

The Province has continued to assist the Dominion by providing accommodation for war purposes, leasing Provincial properties to the Dominion without rental, and being reimbursed only for out-of-pocket expenses in arranging for temporary quarters for displaced personnel.

The Provincial properties leased to the Dominion since the outbreak of the war are as follows:

Institution	No. of Buildings	Valuation	Use of Institution
Ontario Hospital, St. Thomas.	19	$6,199,827	Technical Training Centre for R.C.A.F.
Normal School, Ottawa.	1	237,000	Office Accommodation
Ontario Hospital, Port Arthur.	1	125,000	Military Purposes
Industrial Farm, Monteith.	14	373,000	Internment Camp
Ontario Reformatory, Mimico.	21	700,000	Internment Camp
Ontario Hospital, London.	(52 acres land only) —	22,500	Military Purposes
TOTAL	56	$7,657,327	

The new Dairy School Building at the Agricultural School, Kemptville, has been completed and fully equipped at a cost of $66,488.90.

At the Mercer Reformatory, King Street West, Toronto, some changes were carried out to provide fireproof exit stairs and corridors in the west end of the west wing and the cell locks were changed from individual locking to a gang locking system.

Additional work was done at the Fish Hatcheries at Hill's Lake, near Charlton, Skeleton Lake, Muskoka and Deer Lake, near Peterborough, consisting chiefly of grading and road work.

This Branch examined plans for the Department of Health and reported on proposed alterations or additions to twenty-five existing public and private hospital buildings and prepared plans and specifications for a number of Scale Houses and other buildings used by the Department of Highways. Co-operation was given to the Department of Labour in connection with alterations to rented premises for employment offices, and also alteration to several Province of Ontario Savings Offices.

Engineer's Branch

The necessary repairs and maintenance of locks, dams and docks were carried out and a new storage dam was constructed on Tilden Lake in Nipissing District. Assistance was provided for municipal road drainage in the Districts of Muskoka, Victoria and Haliburton, Peterboro, North and South Renfrew. A grant was made to the Township of Pelee of $2,298.96, in conformance with the Provincial Aid to Drainage Act.

The work of constructing the Shand Dam under the Grand River Conservation Commission was continued, the Province contributing $254,216.11, based on 37½% of the cost of the works, the Dominion contributing a like amount and the balance being borne by the benefitting municipalities.

Secretary's and Accountant's Branch

Owing to the curtailment of new construction, there were few contracts awarded during the year. The revenue received totalled $57,130.00, consisting chiefly of rentals and sales of materials not required for departmental use. Property sales amounted to $4,888.70, which covered an adjustment on land expropriated for use by the Dionne Quintuplet Guardianship in the amount of $4,513.70 and a piece of land at Bowmanville, approximately 8 acres, to Ernest Albert Craig, for $1,500.00; the first instalment of $375.00 being paid at time of sale. This land was previously used as a Summer Camp for the Training School for Boys, Bowmanville, and was not required for this purpose.

The expenditures are summarized, as follows:

Main Office	$92,602.16	
Statutory	1,490.41	
		$ 94,092.57
Maintenance and Repairs		542,404.01
Total Ordinary		$636,496.58
Capital		
Public Buildings and Public Works		$324,230.42
Total Net Expenditures		$960,727.00

I have the honour to be, Sir,

Your obedient servant,

R. A. McALLISTER,
Deputy Minister of Public Works.

TORONTO, March 10, 1942.

REPORT OF THE ARCHITECT

The Honourable Farquhar Oliver,
Minister of Public Works.

Sir:

I have the honour to report on the work done by the Architect's Branch of the Department of Public Works, Ontario, during the fiscal year April 1st, 1940 to March 31st, 1941.

ONTARIO GOVERNMENT INSTITUTIONS LOANED TO DEPARTMENT OF NATIONAL DEFENCE, CANADA

During this fiscal year a total of three Province of Ontario Institutions all, or in part, as described later in the body of this report, and a portion of the lands of the Ontario Hospital, London, were turned over to the use of the Department of National Defence, for the duration of the present war. These Institutions are as follows:

Ontario Hospital, Port Arthur	(part)
Industrial Farm, Monteith	
Ontario Reformatory, Mimico	(part)
Ontario Hospital, London	(a portion of the lands only)

This group of Institutions and the land, as referred to at the Ontario Hospital, London, together with the other properties previously loaned for the same purpose, now totals six premises, all, or in part, of which have been loaned to the Department of National Defence for the duration of the present war.

The Department's work this year, as previously, in connection with the loan of these Institutions, has included the preparation of agreements, recording plans, reports on condition of buildings, surveys, records, stock-taking and preparation of inventory of furnishings and equipment loaned with the said building to the Department of National Defence.

Such work has also included the surveying, leasing and remodelling and fitment of temporary premises where such were required by the Province to carry on certain essential parts of the work of the Institutions affected.

The moving and storage of furniture in connection with the vacation of the above premises by the Province was also dealt with by this Department in co-operation with the other Departments having jurisdiction over the Institutions affected. Further reference to these Institutions is made under their sub-divisions in the body of the report which follows.

LEGISLATIVE AND DEPARTMENTAL BUILDINGS

General minor repairs and replacements and minor changes were carried out in connection with all trades as required, but restricted to a reduced program of expenditure, having regard for present war conditions. A considerable amount of repairs were also made to furniture and furnishings for this group of buildings.

Apart from the said general minor items, certain work of a special nature was also carried out as enumerated in the following paragraphs:

Parliament Buildings:

A portion of the fifth floor was remodelled to provide a motion picture projection room on the basis of the modern requirements of the Province, to be used for the instruction of moving picture operators.

A stairway which was not used to any great extent, leading from the third to the fourth floors of the East Wing, was removed and a much needed women's lavatory installed in the said space on the fourth floor.

The men's lavatory on the second floor of the North Wing was remodelled to improve the sanitary conditions.

Gun racks were installed in the Provincial Police vault for their use.

East Block:

Two rooms in the Department of Health Laboratory section were remodelled to provide more working bench space. The outfit work, previously done in these rooms, was moved to No. 11, Queen's Park, which was fitted with the necessary equipment.

All the exterior vestibule doors were remodelled to swing out only, to prevent draughts and improve the heating conditions of the adjoining corridors.

Subsidiary Buildings:

General repairs of an urgent nature in all trade branches were carried out where required, in the following buildings:

No. 11 Queen's Park.
No. 15 Queen's Park.
No. 39 Queen's Park.
No. 112 College Street.
No. 454 University Avenue, Liquor Control Board Offices.
No. 807 Richmond Street West, Sewage Laboratory.
No. 70 Lombard Street.
Department of Highway's Garage, Leaside.
Department of Highway's Police Garage, Surrey Place.

In connection with the offices of the Liquor Control Board, a considerable amount of repairs were made to a large portion of the ceilings, including the installation of a new hung ceiling and the re-wiring of all the outlets in connection therewith. Extra lighting fixtures, as required, were installed in connection with this work.

The Employment Service Office building at 70 Lombard Street was leased to The Workmen's Compensation Board and their occupancy commenced as of November 1st, 1940. The covering lease for this occupancy is on file in this Department.

Osgoode Hall:

A restricted program of general repairs was carried out in all trade branches as required for this building. Furniture repairs were made. A new dictograph system and some new lighting fixtures were installed.

EDUCATIONAL BUILDINGS

Normal and Model Schools, Toronto:

Considerable repairs were made to roofs. Two rooms in the centre building were fitted up with sinks, stoves and other equipment for the teaching of Domestic Science. Minor repairs were made to stokers.

Normal and Model Schools, Ottawa:

As previously reported in last year's report, this building was loaned to the Dominion Department of Public Works, for the general use of the Dominion

on November 1st, 1939 and the Elgin Street School was leased and fitted up for the use of the said Normal School, as also stated in the previous report. Minor repairs and adjustments were made to the electric clock system of the Elgin Street temporary premises.

London, Normal School:

Minor repairs were carried out in connection with the existing plumbing and to the roofs. Minor repairs were made to boiler stokers.

Hamilton, Normal School:

Minor repairs were carried out, including adjustment to electric clock system. The tile walls of women's lavatory on the first floor, were repaired and replaced where defective. Minor repairs were made to the heating system and boiler brickwork repaired.

North Bay, Normal School:

Minor repairs were made to lavatory doors. General repairs and renovations were made to the heating system. Minor repairs were made to boilers and stokers.

Peterborough, Normal School:

Minor repairs were made to the plumbing system and adjustments made to electric clocks. The brickwork of the boilers at this School was renovated and defective tubes replaced.

Stratford, Normal School:

Minor repairs were made to plumbing, skylight and floors. Minor repairs were made to the heating system.

Ontario School for Deaf, Belleville:

A new roof was laid on the Girls' Dormitory Building. Repairs were made to water mains. Minor repairs were made to plaster work in the Main Building. Minor repairs were made to the plumbing in the Senior Girls' and Boys' Dormitory Buildings, and to the roofs of the main building and boys' dormitory building. Repairs were made to the steam boilers. Defective tubes were replaced and dead plates and stoker retort casting were replaced. The boiler feed pump was overhauled and repaired.

Ontario School for Blind, Brantford:

General repairs were made to plumbing, roofs and eavestroughs for Main Building and Girls' and Boys' Dormitory Buildings. Minor repairs were made to steam boiler stokers.

Ontario Training College for Technical Teachers, Hamilton:

A new roof was laid over the workshop section of the building. Minor repairs were made to plumbing. Repairs were made to vacuum pump and steam mains.

CONSULTATION WORK ON SCHOOLS

At the request of the Department of Education, the following consulting services were rendered:

Illustrations and typical plans were sent to the Sprucedale Public and Continuation School Board, Ottawa.

The following buildings were examined and reported upon:

Huntsville High School.

Township of Fenlon Falls, Public School Section No. 8.

Langstaff Public School Board, Markham and Vaughan Townships.

School Section No. 14, North York.

Plans were examined and reported on for Sarnia Collegiate and Technical School.

AGRICULTURAL BUILDINGS

Ontario Agricultural College, Guelph:

Alterations were made to Massey Library to provide offices for Professor of English, including a new second entrance to the building on the south elevation.

General repairs were made to the roofs of Memorial Hall, Macdonald Institute, Macdonald Hall, Massey Library, Poultry Building, Maids' Dormitory, Administration Building and new shingle roofs were laid on five of the staff residences. Specifications were drawn for the interior painting of Macdonald Hall and the work carried out by the College Staff. The wiring in Macdonald Hall was entirely replaced in conduit.

Specifications were drawn and prices obtained and the work carried out for the entire re-roofing of the skating rink building.

The plumbing in showers and toilets of the Administration Building was renovated by the Department of Public Works staff mechanics.

The exterior face of basement walls of Chemistry Building and part of the exterior basement walls of Mills Hall were repaired and damp proofed.

Ontario Veterinary College, Guelph:

Repairs were made to the roofs of the Main Building and Veterinary Hospital barn.

Agricultural School, Kemptville:

Repairs were made to plaster work and to the marble partition work in lavatories of the Students' Residence. Minor repairs were made to roofs of the Main School Building.

The work of installing steam boilers and stokers in the Main Building, as mentioned in the previous fiscal year's report, was completed.

The work of completing and equipping the new Dairy School Building was carried out, including supply and installation of dairy machinery and laboratory benches and equipment, together with all the necessary piping. The cold storage rooms and machinery were completed and the necessary miscellaneous furniture and furnishings supplied and installed.

Sewer lines and manholes were installed for the new Dairy Building.

Heating trenches were installed with the necessary steam and other service lines from the heating plant in the Main Building to the Engineering Building, the new Dairy Building and to the Stock Judging Pavilion.

New roads were laid to connect the Main Building, Engineering Building and new Dairy Building.

Minimum repairs, including renewals of certain poles, were made to the electrical distribution system.

Western Experimental Station, Ridgetown:

New concrete foundation walls were built under the dining room portion of the Superintendent's residence.

Demonstration Farm, New Liskeard:

Minor repairs were made to buildings generally, including a new roof which was laid over the Milk House at the Farm.

Horticultural Experimental Station, Vineland Station:

Minor repairs were made to plumbing and water supply system, including installation of a chlorine strainer.

Considerable repairs were made to steam boiler stokers and to furnaces in the residences and one new hot air furnace was installed in the Stevenson cottage.

An existing 15 H.P. boiler, left over from the old canning factory, was set up by the staff for operation in connection with the establishment of a fruit juice laboratory in co-operation with the Dominion Department of Agriculture.

DISTRICT BUILDINGS

Due to present war conditions, the work done in connection with the district buildings was kept to a minimum and the only work items carried out were those of an urgent nature and as described in the following sub-divisions.

Algoma:

At the Court House, Sault Ste Marie, minor repairs were made, including new hinges and plates for the front door. Forty-two window blinds were purchased as replacements and two desk lamps were supplied.

The Registry Office at Sault Ste Marie is being used by the Red Cross, as stated in report of previous year.

At the Gaol, Sault Ste Marie, minor repairs were made generally, including the purchase of lumber and roofing paper for repairs to the storage shed. Paint was purchased for interior, the work to be done by prison labour. Sixteen prison locks were purchased as replacements and the casings were to be made at the Ontario Reformatory, Guelph. Vitreous clay pipe was purchased to provide additional surface drainage, the work of installation to be done by prison labour. Six window blinds were purchased as replacements in the Gaoler's residence.

Cochrane:

At the Court House, Cochrane, minor repairs were made, including repairs to locks.

At the Lock-up in Matheson, repairs were made to plumbing and paint was purchased to be applied by the Provincial Police.

Kenora:

At the Court House, Kenora, the basement was remodelled to provide office quarters for the Provincial Police, which consisted of three offices and a storage vault and the remodelling of the side entrance leading thereto. Minor improvements were also made to the Janitor's quarters in the basement and a kitchen was provided in connection therewith. The Crown Attorney's office was repainted. The return feed pump and motor was repaired. Three desk lamps were purchased and some minor repairs were made to hardware.

At the Gaol, Kenora, minor repairs were made to plumbing, prison locks and relief valve seat. Twelve new replacement beds were purchased for prisoners.

Plans only were prepared for a new Lock-up building for Red Lake, at the request of the Department of the Attorney General.

Manitoulin:

Minor repairs were made to the Court House and Gaol at Gore Bay, including the renewal of one basement window frame and making good the surrounding stonework. The septic tank was cleaned and repaired. Repairs were made to furnace, including grate renewals and new ash and furnace doors. Minor repairs were also made to piping and radiators.

Muskoka:

Minor repairs only were made at the Bracebridge Buildings, in view of the fact that the rebuilding of the Gaol and some remodelling work in the Court House was under serious consideration. Sketch plans were prepared for a proposed new Gaol Building addition to the present Court House, but the working drawings were not put in hand.

Working drawings were prepared for a proposed new addition to the Court House which was to provide additional lavatories and fire tower stair exit from the Court room. This project was laid out so that it would work in with the proposed plan for the new Gaol Building.

Nipissing:

General repairs were made to Court House, Registry Office and Gaol at North Bay.

The electric lighting of the Land Titles Office was improved by the installation of more efficient type of lighting fixtures. Minor repairs were made to boilers and boiler linings.

Parry Sound:

Minor progress repairs were made to the Court House, Registry Office and Gaol at Parry Sound. The locking devices in the cell blocks were improved.

Rainy River:

Minor repairs were made to the buildings in Fort Frances.

Sudbury:

General repairs and improvements were made to the Court House, Registry Office and Gaol at Sudbury.

A new glass partition and counter was installed in Provincial Police quarters and some new furniture purchased for these offices.

The lighting system was improved in the Court House by the installation of some modern type fixtures. Progress repairs were made to the plumbing system and door and hardware were replaced where required.

Temiskaming:

Minor repairs were made to the Court House, Registry Office and Gaol at Haileybury, including considerable plumbing repairs in Court House.

At the Government building at Elk Lake, the septic tank was re-conditioned and the sewer line to this tank re-laid.

Thunder Bay

Minor repairs and improvements were carried out where required at the Court House, Gaol and Registry Office at Port Arthur. Paint was supplied for the Gaol, to be applied by the inmates.

Additional kitchen utensils and ten gaol beds were purchased.

Shelving was installed in the Sheriff's vault and some more efficient lighting fixtures were installed to improve the general illumination in a number of the offices in the Court House.

ONTARIO HOSPITALS

Ontario Hospital, Brockville:

The two large solaria connecting wards in the Main Building were re-roofed.

The general electrical distribution system was remodelled and new transformers installed to overcome the unbalanced loading condition, which had been the cause of considerable trouble from time to time in the past. Part of the work was done by the local Hydro Authorities and part by the Hospital staff mechanics.

Ontario Hospital, Brampton:

These premises are in charge of a resident caretaker and the farm is being operated by the Department of Health.

Ontario Hospital, Cobourg:

A new fire escape from the second floor was erected for the Nurses' residence.

The floor of the shower room on the ground floor of the patient's west pavilion was jacked up and repaired.

Eavestroughs and conductor repairs were made to the west pavilion.

Ontario Hospital, Fort William:

Arrangements were made for cleaning the well at this Hospital.

Ontario Hospital, Hamilton:

Roof repairs were made on East House, Orchard House, Superintendent's residence and Main Building, including gutters and slate replacements.

On August 28th, 1940, in the main farm group, the main cattle barn, the horse barn, the milk house, the isolation cow stable and a storage barn, together with the roofs of two silos, were for the most part, destroyed by fire. Minor damages resulted to adjoining buildings, such as implement shed, root and tool house. These buildings were not replaced this year, but doors and frames of silos were replaced. The implement shed was remodelled to provide root storage.

New entrance steps to stores basement in Orchard House were erected.

Ontario Hospital, Kingston:

A new fire escape was erected at the Patients' North Cottage. The interior of this cottage was renovated, this Department supplying the material and the work was done by the Hospital staff mechanics.

A new roof, including framing, was placed on the Sewage Filter House at the Mowat Wing.

Considerable repairs and renovations were made to the heating system of the Main Building, including installation of additional radiation for staircases.

Plans were made by this Department and the main entrance gateway was remodelled by the Hospital staff.

The existing root house at the main group was renovated, including a new roof, which was laid over the whole building.

Ontario Hospitals, Langstaff and Concord:

The continuation of the necessary work of fitting these premises for occupancy by mental patients in connection with the vacation of the Ontario Hospital, St. Thomas, for the R.C.A.F. purposes, was carried on. Part of the main roof of the nurses' residence, Concord, was re-shingled.

Ontario Hospital, London:

The elevated water tank was painted.

Considerable repairs and replacements were carried on in connection with roofs, gutters and down pipes.

The cattle barn was, for the most part, destroyed by fire on August 20th, 1940, and was not rebuilt.

A portion of the lands of this Hospital, adjoining the Canadian National Railway, was loaned to the Department of National Defence on July 15th, 1940. The said Department started immediately thereafter to erect their own temporary buildings.

Ontario Hospital, New Toronto:

Considerable plaster repairs were made to the ceiling of the Laundry Building. Minor repairs were made in connection with the keying of the locking system.

A new Air-Way drier was shipped from the Ontario Hospital, St. Thomas, and installed at this Hospital to take care of the additional patients moved from the Ontario Hospital, St. Thomas, due to the R.C.A.F. occupancy of the latter.

A new cement floor was laid in the basement of cottage No. 2, in the shower section.

Plans were made by this Department and a new brick entrance gateway was erected by Hospital staff.

Ontario Hospital, Orillia:

The main transformer burned out and was replaced.

The ice box of the main refrigerator was repaired and re-lined.

Plans were prepared for an extension to the Piggery building, the materials were supplied by this Department and the work was carried out by the Hospital staff.

Ontario Hospital, Penetang:

A new washer was shipped from the Ontario Hospital, St. Thomas, and installed by the hospital staff.

The roof of the kitchen wing was recoated. This Department supplied the material and the Hospital staff did the work.

Ontario Hospital, Port Arthur:

The new administration building and a portion of the lands of this Hospital were loaned to the Department of National Defence for Militia purposes, as previously noted. The date of their occupancy commenced as of August 15th, 1940.

Ontario Hospital, Toronto (999 Queen West):

Plans were prepared and the work started in connection with the installation of a Virus Laboratory and Dental Laboratory in one of the existing out-buildings, at the north west corner of the premises of this Hospital.

Minor repairs were made to foundations of cottage B.

Stairway in west wing of Main Building from second to third floors was removed to increase bed space.

Psychiatric Hospital, Toronto:

Minor repairs, as required, in the various trade branches, were carried out.

Ontario Hospital, Whitby:

A portion of the main barn was re-roofed. General progress repairs were made to the tile roofs.

The pole line for electric service to the main barn and transformer stand were renovated. This included electric distribution system to residences on the farm lane.

Ontario Hospital, Woodstock:

A considerable amount of alteration and fitment work was carried to completion to make provision for about 600 T.B. mental patients in the new Children's Unit, who were brought from various other mental hospitals to provide additional accommodation for patients moved out of the Ontario Hospital, St. Thomas, to accommodate R.C.A.F occupancy. This work generally included the installation of an Electro Enceptograph examination unit, a dental unit, an X-ray unit, and a laboratory section in the basement of the Administration Building, previously built for the purposes of a Children's Unit.

Plans were made and materials supplied for the erection of one piggery wing, which was erected as an addition to the piggery cook house completed in the previous year by the Hospital staff to the north east of the new Children's Hospital Group.

Ontario Hospital, St. Thomas:

As mentioned in the report of the previous fiscal year, this Institution was loaned to the Department of National Defence for R.C.A.F. purposes, whose occupation commenced as of October 23, 1939.

The farm portion of these premises, however, was not taken over with the main group, as above described, and is being operated under the jurisdiction of this Department.

General minimum repairs and renovations were carried out in connection with the farm division and the necessary equipment installed.

The furniture, furnishings and equipment and laundry machinery purchased for the new hospital and not required last year by the R.C.A.F. at St. Thomas, or by other mental hospitals, was kept in Public Works locked-up stores on the premises and portions of these goods were issued on requisition during this year to both the R.C.A.F. at St. Thomas and to other mental hospitals, as their needs became more fully developed.

Plans and specifications were prepared for the installation of an additional steam boiler at the main power plant and the contract was let by the Department of National Defence, who were to pay for the installation.

EXAMINATION OF PLANS FOR DEPARTMENT OF HEALTH

In addition to the work previously enumerated in connection with the Ontario Hospitals, plans were examined and recommendations forwarded to the Department of Health in connection with proposed alterations or additions

to existing public and private hospital buildings and in connection with new hospital projects. The following were the projects dealt with:

Rest Home Bartonville.
Nurses' Residence, St. Joseph's Hospital, Chatham.
Laverandrye Hospital for Grey Nuns of St. Boniface, Fort Frances.
General Hospital, Galt.
Brookside Convalescent Hospital, Gormley.
St. Pauls Hospital, Hearst.
Nicholls Hospital, Haileybury.
Royal Norwegian Government Hospital, Toronto.
Queen Victoria Memorial Hospital, North Bay.
McKenzie Red Lake Gold Mines Hospital, Mackenzie Island.
Markdale Private Hospital.
Victoria Hospital, London.
Little Long Lac Hospital.
Memorial Hospital, Listowel.
General Hospital, Woodstock.
Mayfair Nursing Home, Toronto.
Riverdale Isolation Hospital, Toronto.
Hillcrest Convalescent Hospital, Toronto.
Hospital for Incurables, Dunn Avenue, Toronto.
Hospital for Sick Children, Toronto.
Clifton Nursing Home, Toronto.
General Hospital, Port Hope.
Protestant Children's Hospital, Ottawa.
Perley Home for Incurables, Ottawa.
General Hospital, Oshawa.

ONTARIO REFORMATORIES

Industrial Farm, Burwash:

Plans and details were prepared to provide for the installation of a new kitchen and prisoners' and staff dining room in the basement of the new hospital block; the work was done by the Institution staff and inmates. This accommodation was originally provided in the Reception Building, for which plans were also made to show the necessary changes required to adapt this space for general office accommodation.

Working drawings were prepared for a new cow barn and the erection was undertaken by Institution staff mechanics and inmates.

Drawings and details were prepared for the remodelling and the circulation and ventilation scheme for cold storage building for Seagram Camp at Long Lac, which is a branch of this Reformatory.

Ontario Reformatory, Guelph:

Working drawings and details were prepared for a new cow barn and the erection was undertaken by the Institution staff mechanics and inmates.

A new terrazzo floor was laid throughout the main prisoners' dining room.

Andrew Mercer, Reformatory, Toronto:

A survey and studies were made to show the layout of fireproof stairs, fire walls and fire doors and fireproof exit corridors which were considered to be

necessary to provide adequate and safe exit facilities from all floors and all sections of this Institution. The studies included the changing of the existing hospital section on the third floor of the west wing to the ground floor of the same wing.

Working drawings were prepared for a new fireproof exit stair and fireproof approach corridors to serve all floors of the west end of the west wing. Changes were made to various rooms on all floors and a new staff bed room was added in connection with these improvements. The work, for the most part, was carried out by day labour.

Working drawings and details were prepared for the changing of all cell doors from individual locking to gang locking operation. The mechanism for this locking system was fabricated at the Ontario Reformatory, Guelph, and the installation was carried out jointly by this Department and the Department of the Provincial Secretary.

The plastering of the walls and wood trim on cell fronts was removed and all such plaster renewed, including new plaster jambs for all cell doors. All expenses in connection with this work were borne by this Department.

Working drawings were prepared for the installation of three new lavatories for the inmates and four new bath rooms for the staff. The work was carried out jointly between this Department and the Department of the Provincial Secretary; the latter Department furnishing the material.

Orders were placed for some new kitchen equipment, including steam jacketted kettles and roasters, refrigerator, kitchen cabinets, meat slicer and bread slicer in connection with the remodelling work of the main kitchen, to be carried out during the next fiscal year.

Ontario Reformatory, Mimico:

As previously listed at the commencement of this report, this Institution was loaned to the Department of National Defence and their occupancy of the premises commenced as of July 1st, 1940. The agreement regarding military occupancy of these premises was drawn, originally, to include the farm lands and buildings, but this inclusion was not finally decided upon during this fiscal year.

Industrial Farm, Monteith:

As previously listed at the commencement of this report, this Institution was loaned to the Department of National Defence and their occupancy of these premises commenced as of July 6th, 1940.

ONTARIO TRAINING SCHOOLS

Boys' Training School, Bowmanville:

Repairs were made to the roofs of the Triple Dormitory Building, Gymnasium, Jury Lodge and the School Building.

Girls' Training School, Galt:

General repairs were made to plumbing in the dormitory buildings.

FISH HATCHERIES

Hills Lake Fish Hatchery (Temiskaming District):

Additional work was done this year by day labour in connection with this Hatchery, which included the following items: The earth banks around the ponds and along the supply flume were regraded to stop erosion by heavy rains.

A system of intercepting ditches was dug around the said ponds and flume to prevent surface water from flowing into any of the Hatchery waters. The banks of the ponds were surfaced with gravel.

The finished grading was done around the Superintendent's residence and a water ram was installed in connection with the domestic water service.

Skeleton Lake Hatchery (Muskoka District)

Material was purchased for the building of a small foot bridge over the creek and the work was carried out by the staff at the Hatchery.

A quantity of brass screen cloth was purchased to replace original screens which had been damaged, the work being done by the staff.

Sandfield Hatchery (Manitoulin District):

Improvements were made to the roads to the ponds on the Hatchery premises. The work was done by the Department of Highways and was paid for by this Department.

Deer Lake Hatchery (Peterborough District):

A right-of-way was purchased and a new road was completed to this Hatchery by the Department of Highways and the cost paid by the Department of Public Works.

ONTARIO HIGHWAYS BUILDINGS

Plans and specifications were prepared and architectural supervision was given for the following work, for which the Department of Highways let the contracts:

Scale House No. 1. West Hill, Highway No. 2.
" " " 2. West Hill, Highway No. 2.
" " Browns Line, Queen Elizabeth Way.
" " Dixie, Queen Elizabeth Way.
" " Long Branch, Highway No. 2.
Garage and store house, Port Hope.

Sketches and working drawings were prepared for future work for the following:

Two storey garage and paint shop, Ottawa.
One storey garage and paint shop, Ottawa.

Preliminary sketch plans and perspective sketches were also prepared for six different types of typical scale houses, and for proposed waiting room to be erected at the junction of Queen Elizabeth Way and No. 2 Highway at the Humber River.

Heating Plans. Heating systems were laid out at the request of the Department of Highways for Highways Buildings at Parry Sound and Sudbury.

BOILER INSPECTION

Excluding the existing plants which have been loaned to the Department of National Defence for the purposes of the present war, routine reports were made in connection with the various other plants of the Ontario Government buildings inspected and recommendations were made and repairs and improvements carried out as required.

PROVINCE OF ONTARIO SAVINGS OFFICES

Hamilton Branch, King Street East:

Plans and specifications were prepared and contracts let and the work completed, enlarging the interior of the existing premises. A portion of the adjoining building was leased and used to gain the extra space required.

Savings Offices (generally):

New protective grilles were installed at the front of teller's cages at Savings Office Branches at:

University and Dundas Streets, Toronto.

Bay and Adelaide Streets, Toronto.

Ottawa.

London.

Niagara Falls.

Windsor

Co-operation was given to the head office management in the matter of general routine maintenance and repair work at the branches, where such work was requested.

Renewals of expiring leases in connection with branch offices were negotiated and arranged as required.

MISCELLANEOUS

Ontario Government Building, Kingston:

Roof repairs over boiler house were made to this building, following a small fire. General repairs were made in all trades, as required.

Employment Branch Offices (Temporary Quarters):

At the request of the Department of Labour, working plans and specifications were prepared and architectural supervision given in connection with the alterations required to prepare the following rented premises for use as employment offices:

Employment Branch Offices No.	1387	Yonge Street, Toronto.
	1854	Danforth Avenue, Toronto.
	364	Broadview Avenue, Toronto.
	328	Adelaide Street West, Toronto.
	2969	Dundas Street West, Toronto.
		London, Ontario.

This work was done in co-operation with the Department of Labour, who made the necessary selection of property and rental arrangements and paid for the alterations and furnishings.

Temporary Housing for Evacuated British Children:

At the Independent Order of Oddfellows Building on Davenport Road, Toronto, considerable minor repairs were made in all trade branches to these buildings for the Department of Welfare to provide proposed accommodation for children who were to be evacuated from Great Britain.

A survey was made for the Department of Welfare of the various residential buildings of the University of Toronto to determine the temporary housing accommodation which would be available for evacuated British Children. A

block plan was made to show the scheme of temporary occupancy proposed. A residence building at 64 St. George Street was fitted up and furnished as an infirmary for these children, in co-operation with the Department of Health.

Additional furniture to that supplied by the University, was loaned by the Ontario School for Deaf, at Belleville and by the Ontario Mental Hospitals to provide for the general temporary housing of these children in the said residential buildings of the University of Toronto.

Re Staff Members of Architect's Branch:

Mr. John Sharp, the Heating Engineer for this Department was transferred to the Department of Labour on March 1st, 1941.

Mr. S. K. Sinclair, Assistant Architect, enlisted with the R.C.A.F. during the last fiscal year and was granted leave of absence from the Department in February, 1940.

I have the honour to be, Sir,

Your obedient servant,

GEORGE N. WILLIAMS,
Chief Architect.

Toronto, March 31st, 1941.

REPORT OF THE ENGINEER

Memorandum to—

THE HONOURABLE FARQUHAR R. OLIVER, M.P.P.,
Minister of Public Works and Welfare,
Parliament Buildings.

January 28th, 1942.

Sir,—

I have the honour to report on the work done by the Engineer's Branch of the Department of Public Works, Ontario, during the fiscal year, April 1, 1940, to March 31, 1941.

As usual, all the work was done by day labour under local foremen, employing local workmen and using local material wherever possible.

The maintenance of locks, dams, docks and navigable channels was carried out as usual and one new timber storage dam was built at Tilden Lake.

Maintenance work was as follows:

Port Carling Locks:

The dock on the north side of the locks was renewed in timber and a 3 inch plank deck put on. The gates of the lock were repaired and put in good working order.

Deer Lake Dam:

A new 2 inch plank deck was put on this dam and some new stop logs provided in place of the worn out ones.

Dollars Dams:

The decks of both dams were replanked with 2 inch plank and several leaks in the west channel dam were stopped by sheeting and filling with gravel. The winches were put in good working order.

Ahmic Lake Dam:

A new 2 inch plank deck was put on this dam and some new stop logs provided.

Tasso Lake Dam:

This dam was partly washed away by the spring floods. The washed out part was replaced in timber and well gravelled to prevent leakage.

Crane Lake Dam:

This is a concrete dam and some of the concrete had crumbled so that the dam was leaking in several places. All defective concrete was removed and new concrete put in to make the dam tight.

Moose Lake Dam:

This is a stone dam and the piers on each side of the sluiceway had moved in at the top so that it was difficult to get the stop logs in or out. The piers were faced with concrete so that the sluiceway is now the same width at the top as at the bottom.

Weslemkoon Lake Dam:

The piers of the old timber dam were removed and about one foot taken off the top of the wings of the new dam to give more waterway during floods and to prevent flooding of land.

Navigation:

All buoys on the Muskoka Lakes and Magnetawan waters taken out by the spring floods were replaced and the boat channels kept clear of all obstructions for navigation.

STORAGE DAMS

Tilden Lake Dam:

Tilden Lake is in Nipissing District about 25 miles north of North Bay. The dam at the outlet of the Lake raises the water level of this Lake and several other lakes above it so that navigation is made possible between the several lakes, making an excellent tourist resort.

The old dam was taken away by the spring floods and the lake levels dropped so that navigation between the lakes was rendered impossible.

A new timber dam was built just above the old one. It is 100 feet long and 8 feet high. It is provided with a 10 foot sluiceway with stop logs to control the level of the lake.

MUNICIPAL DRAINAGE

An appropriation of $500.00 was made to each of the following districts for municipal road drainage—Muskoka, Victoria and Haliburton, Peterboro, North Renfrew and South Renfrew.

PROVINCIAL AID TO DRAINAGE

Big Marsh Drain, Pelee Island:

This drainage scheme takes in most of the land on Pelee Island and is a pumping scheme. Three pumping plants, one on the north, one on the west, and one on the east shore, pump the water from the drains which run through the low-lying land and discharge it into Lake Erie. The old steam driven plants had been in use many years and were out of date and inefficient.

In 1939, the west plant was burned and the steam boiler and engine damaged beyond repair. A new 90 horse power gasoline engine was installed here to drive the old pump. Some repairs were made to the pump and a new metal clad building on a concrete foundation was put up.

The steam boiler at the north plant had been condemned as unsafe so it was decided to replace the steam plant with diesel engines. As there are two pumps at this plant, it required two engines of 80 horse power each. They drive the pumps through belts; some repairs were made to the pumps.

The steam plant on the east shore was left in place as it is very seldom used, only in an emergency or a very heavy flood.

The cost of the engines and repairs to these two plants was $13,594.84. From this cost was deducted $2,100.00, received by the Township for fire insurance on the west plant, leaving $11,494.84 on which the 20% grant was made. These plants were examined and found to be in first class working order and on report, a grant of $2,298.96 was paid to the Treasurer of the Township of Pelee.

I have the honour to be, Sir,

Your obedient servant,

J. W. HACKNER,
Engineer of Public Works.

Department of Public Works, Ontario.

Toronto, April 9th, 1942.

THE HONOURABLE FARQUHAR R. OLIVER,
Minister of Public Works.

Sir,—

I have the honour to submit the following statement showing the several contracts entered into with His Majesty during the twelve months ending March 31st, 1941, in connection with the Public Buildings and Works, subject to the control of the Public Works Department of Ontario.

I have the honour to be, Sir,

Your obedient servant,

S. WOOD,
Secretary and Accountant.

STATEMENT No. 23

Showing the several contracts entered into with His Majesty during the twelve months ending March 31st, 1941, in connection with the Public Buildings and Works, subject to the control of the Department of Public Works, Ontario.

Date	Location of Work	Subject of Contract	Contractors	Amount
1940 Aug. 15	Port Hope	Construction of Garage and Stores Building for the Department of Highways	M. Sullivan & Son Company, Limited, Arnprior, Ont.	$10,967.00
Nov. 15	East Block, Parliament Buildings	Cleaning of windows	Advance Window Cleaning Company, Toronto	190.00 each cleaning
1941 Mar. 6	Province of Ontario Savings Office, 20 King St. E., Hamilton	Alterations to Savings Office	Kennedy Connor & Son, 29 Lamoreaux St., Hamilton	4,368.00

S. WOOD,

Secretary and Accountant.

STATEMENTS

of the

ACCOUNTANT

of

Public Works Department

1940-1941

Department of Public Works, Ontario,
TORONTO, February 26th, 1942.

THE HONOURABLE FARQUHAR R. OLIVER,
Minister of Public Works and Public Welfare.

Sir,—

I have the honour to submit detailed statements of ordinary expenditure of Civil Government and maintenance and repairs of Government Buildings and Public Works; also capital expenditure on Provincial Public Buildings and Public Works, during the fiscal year which ended on the 31st of March, 1941.

I have the honour to be, Sir,

Your obedient servant,

S. WOOD,
Accountant.

SUMMARY OF EXPENDITURE

FOR FISCAL YEAR APRIL 1st, 1940 to MARCH 31st, 1941

Service	Ordinary	Capital	Total
Main Office—Administration expenses, etc.	$ 92,602.16		$ 92,602.16
Maintenance and repairs Government buildings	527,926.35		527,926.35
Public Works—Maintenance	13,915.56		13,915.56
Public Buildings		$ 62,369.18	62,369.18
Public Works		259,562.28	259,562.28
Statutory	1,490.41	2,298.96	3,789.37
Special Warrants	562.10		562.10
Total Net Expenditure	$636,496.58	$324,230.42	$960,727.00

STATEMENT OF REVENUE

Main Office:		Ordinary	Capital	Total
Commissions on telegraphs and telephones		$ 2,570.69		$ 2,570.69
Sale of material		12,982.81	$ 93.00	13,075.81
Rentals—				
General	$ 29,225.69			
Parking area	978.00			
		30,203.69		30,203.69
Sale of property			4,888.70	4,888.70
Perquisites		1,995.50		1,995.50
Building equipment		163.45		163.45
Miscellaneous		35.16		35.16
Refund fire insurance premiums Normal School, Ottawa		1,422.00		1,422.00
Refund rental Elgin Street Public School, Ottawa, months of Nov. and Dec. 1939 (Normal School, Ottawa)		700.00		700.00
Refund adjustment salaries—Staff Ontario Hospital, St. Thomas, Nov. and Dec. 1939 and Jan., Feb. and March, 1940		2,075.00		2,075.00
Total Net Revenue		$ 52,148.30	$ 4,981.70	$ 57,130.00

S. WOOD,
Accountant.

TORONTO, February 26th, 1942.

STATEMENT OF EXPENDITURE, MAIN OFFICE, MAINTENANCE REPAIRS and CONSTRUCTION of PUBLIC BUILDINGS FOR FISCAL YEAR ENDING MARCH 31st, 1941

ORDINARY

Main Office:

Service	Amount	Amount
Salaries—Minister's salary	$ 1,490.41	
Permanent	58,715.74	
Temporary	1,994.35	
Travelling expenses	772.95	
Maintenance	3,190.00	
Insurance and lightning rods	24,000.00	
Local Improvement Taxes	352.21	
Unforeseen and unprovided	205.60	
Compensation, medical, hospital and other accounts for workmen injured in Government work as awarded by the Workmen's Compensation Board, including proportion of administration expenses	3,371.31	
		$ 94,092.57

GENERAL SUPERINTENDENCE:		
Salaries—Permanent	$ 10,575.08	
Temporary	2,700.00	
Services, travelling and other expenses	4,722.97	
		$ 17,998.05
LIEUTENANT-GOVERNOR'S APARTMENT:		
Salaries	3,600.00	
Maintenance	978.41	
		4,578.41
LEGISLATIVE AND DEPARTMENTAL BUILDINGS:		
Administrative Services—		
Salaries—Permanent	16,587.50	
Temporary	6,964.17	
Telephone service	36,664.55	
Typewriter inspection and repairs for all Departments	3,196.70	
Maintenance Staff—		
Salaries—Permanent	73,517.63	
Temporary	127,088.10	
Maintenance—		
Fuel, light, gas, water and power	57,889.96	
Cleaning supplies, upkeep of grounds and casual help	23,309.89	
Furniture, furnishings and equipment for buildings	4,207.70	
Mechanical Staff—		
Salaries—Permanent	7,398.06	
Repairs and alterations	50,111.14	
	406,935.40	
Deduct Rentals	9,300.00	
		397,635.40
OSGOODE HALL:		
Salaries—Permanent	9,400.00	
Temporary	10,088.15	
Maintenance—		
Fuel, light, water and power	4,707.79	
Furniture, furnishings and equipment	545.90	
Telephone service	2,714.64	
Cleaning of buildings and incidentals	1,216.22	
General repairs and alterations	3,172.45	
		31,845.15
EDUCATIONAL BUILDINGS:		
Repairs and incidentals—		
TORONTO NORMAL and MODEL SCHOOL	927.76	
OTTAWA NORMAL and MODEL SCHOOL	22.25	
LONDON NORMAL SCHOOL	89.87	
HAMILTON NORMAL SCHOOL	152.64	
PETERBOROUGH NORMAL SCHOOL	62.25	
STRATFORD NORMAL SCHOOL	159.08	
NORTH BAY NORMAL SCHOOL	35.28	
BELLEVILLE SCHOOL for the DEAF	1,925.80	
BRANTFORD SCHOOL for the BLIND	341.20	
ONTARIO TRAINING SCHOOL for TECHNICAL TEACHERS, HAMILTON	487.10	
GENERAL—To provide for repairs, installation of boilers and heating plants in buildings and fire protection	2,559.47	
To provide for expenses in connection with leasing of the Normal School, Ottawa, to the Dominion Government	148.69	
		6,911.39
AGRICULTURAL BUILDINGS:		
Repairs and incidentals—		
ONTARIO AGRICULTURAL COLLEGE, GUELPH	3,785.32	
HORTICULTURAL EXPERIMENTAL STATION, VINELAND	207.79	
WESTERN ONTARIO EXPERIMENTAL FARM, RIDGETOWN	162.85	
AGRICULTURAL SCHOOL, KEMPTVILLE	624.13	
DEMONSTRATION FARM, NEW LISKEARD	98.20	
GENERAL—To provide for repairs, installation of boilers and heating plants in Agricultural Buildings and fire protection	2,581.92	
		7,460.21

TRAINING SCHOOLS:			
Repairs and incidentals—			
ONTARIO TRAINING SCHOOL FOR BOYS, BOWMANVILLE		$ 428.14	
ONTARIO TRAINING SCHOOL FOR GIRLS, GALT		150.38	
			$ 578.52
DISTRICT BUILDINGS:			
Repairs and alterations, furniture and furnishings and improvements to grounds for all District buildings—			
ALGOMA		782.97	
COCHRANE		343.33	
KENORA		2,043.82	
MANITOULIN		62.47	
MUSKOKA		72.19	
NIPISSING		374.60	
PARRY SOUND		394.09	
RAINY RIVER		103.65	
SUDBURY		1,427.32	
TEMISKAMING		769.79	
THUNDER BAY		1,333.52	
GENERAL—To provide for repairs, installation of boilers and heating plants in Districts and fire protection		539.70	
Salary of Caretaker, Temiskaming		763.75	
Government Building, Matheson,—Maintenance		595.90	
			9,607.10
ONTARIO HOSPITALS:			
Repairs and incidentals—			
BROCKVILLE		3,680.15	
COBOURG		657.48	
HAMILTON		929.32	
KINGSTON		1,711.87	
LONDON		974.32	
NEW TORONTO		916.41	
ORILLIA		136.99	
PENETANGUISHENE		305.00	
TORONTO		3,639.96	
PSYCHIATRIC-TORONTO		158.68	
WHITBY		11,103.59	
WOODSTOCK		698.30	
FORT WILLIAM		21.00	
CONCORD		125.50	
LANGSTAFF		79.57	
CONTINGENCIES		604.94	
			25,743.08
ST. THOMAS:			
To provide for expenses in connection with the leasing of Hospital to Dominion Government		540.83	
Farm operating expenses—			
Salaries	$ 3,293.77		
Expenses	17,969.66		
		21,263.43	
			21,804.26
PUBLIC WORKS:			
Maintenance—			
Salaries—(Lockmasters, Supervising Foreman, etc.)		5,113.97	
Repairs to locks, dams, etc.		7,480.54	
Equipment		607.18	
Maintenance of Hawkesbury-Grenville Bridge		713.87	
			13,915.56
ONTARIO GOVERNMENT OFFICE BUILDING, KINGSTON:			
Maintenance—			
Salary of Caretaker		1,299.96	
Cleaning supplies, fuel, electricity, water, repairs and incidentals		2,464.82	
			3,764.78
SPECIAL WARRANT:			
Expenses re transfer of patients from Ontario Hospital, St. Thomas			562.10
TOTAL ORDINARY EXPENDITURE			$636,496.58

CAPITAL

AGRICULTURAL BUILDINGS:		
New Dairy School building, Kemptville		$ 25,943.18
ONTARIO REFORMATORIES:		
Additions, alterations and equipment		22,001.25
DISTRICT BUILDINGS:		
To provide for construction of works and buildings, alterations and fire-proofing and expenses in connection therewith		799.97
FISH HATCHERIES:		
Construction and alterations to Fish Hatcheries		13,624.78
PUBLIC WORKS:		
Municipal Drainage	$ 2,430.37	
Storage Dams and Docks	2,915.80	
Grants—Grant by the Province of Ontario towards the cost of the Grand River Conservation Scheme on the basis of 37½% of actual cost	254,216.11	
		259,562.28
STATUTORY:		
Drainage Aid		2,298.96
TOTAL CAPITAL EXPENDITURE		$324,230.42

SUMMARY

ORDINARY EXPENDITURE

Main Office and Maintenance and Repairs of Government Buildings and Public Works	$636,496.58

CAPITAL EXPENDITURE

Public Buildings and Public Works	324,230.42
	$960,727.00

S. WOOD,
Accountant.

Department of Public Works, Ontario.

TORONTO, February 26th, 1942.

Thirty-Fourth Annual Report

OF THE

Game and Fisheries Department

1940 - 1941

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 9, 1942

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1942

TO THE HONORABLE ALBERT MATTHEWS,
Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

I have the honour to submit herewith for the information of Your Honour and the Legislative Assembly, the Thirty-Fourth Annual Report of the Game and Fisheries Department of this Province, for the year ended March 31st, 1941.

I have the honour to be,

Your Honour's most obedient servant,

H. C. NIXON,
Minister in Charge,
Department of Game and Fisheries

Toronto, 1942.

THIRTY-FOURTH ANNUAL REPORT

OF THE

Game and Fisheries Department of Ontario

TO: THE HONOURABLE H. C. NIXON,
Minister in charge,
Department of Game and Fisheries.

SIR:--

I have the honour to submit to you herewith the Thirty-fourth Annual Report of the Department of Game and Fisheries, outlining a summary of the activities of various Departmental services, and including statistical tables for the fiscal year ended March 31st, 1941, as well as tables of comparison.

INTRODUCTORY

The Province of Ontario has been endowed with a wealth of natural charm, with which have been incorporated many opportunities for the enjoyment of outdoor recreational pleasures. Its extensive water areas, virgin forests and wild lands all combine to make this Province a tremendous reservoir for the development of wild life. Notwithstanding the many physical changes that have taken place in past years it has been possible to maintain this outstanding characteristic in large measure, particularly in the northern hinterland.

In the development of the Province its vacation and recreational possibilities have not been neglected and the protection and propagation of fish and game have been maintained and extended so as to keep pace with material development. The excellent fishing and hunting which are available within our borders are undoubtedly important factors in promoting tourist trade, and the economic value of this seasonal industry is too obvious to require any comment except that it provides a living for thousands of our citizens, and in the present emergency plays a prominent part in establishing foreign exchange for the purchase of essential war materials.

This Department co-operated with the Provincial Travel and Publicity Bureau in providing an interesting and outstanding exhibit at the Sport Shows conducted in Chicago and Detroit during the months of February and March, 1941, with the object of endeavouring to attract increased numbers of American tourists to the Province. In each case considerable interest was displayed in the exhibit and the available literature was eagerly taken up. A special attraction at this exhibit was the regular showing of coloured moving pictures, replete with action, and demonstrating that the claim that Ontario is a sportsman's paradise was no idle boast. The friendly spirit of the people was very evident and, from the standpoint of improving the agreeable relations between two good neighbours, apart altogether from the economic value, the exhibit was quite successful.

The general protective programme has recognized the various phases affecting supply and demand and made provision to maintain a proper balance. Large areas of suitable land have been set aside as sanctuaries for game, ensuring reproduction and perpetuation. Small game has been intensively propagated and released to re-stock forest and field. Hundreds of millions of fish are artificially raised in the various

Departmental hatcheries and annually deposited in provincial waters, and in the ensuing pages it is indicated to what extent this programme was carried out during the period under review.

Legislation is effective only to the extent that the provisions thereof have the complete support of those for whose benefit it is provided, and the success of the conservation programme instituted by the Department in conjunction with legislation depends upon the full and active co-operation of all who are interested in our wild life resources. The general public can and does assist the Department in many ways, but chiefly by preventing waste and by a careful compliance with the provisions of the Game and Fisheries Act and the various regulations provided under this and affiliated legislation.

FINANCIAL

Since the change in the period of the fiscal year inaugurated by the present Administration in 1935, the total annual revenue collected from various sources by the Department of Game and Fisheries has, previous to the year under review, shown an increase each succeeding year, and it is only natural to expect that such a notable showing would eventually be terminated by a decreased collection in some particular fiscal year. Such decrease it is necessary to record for the year 1940-41, as is shown in the subjoined statistical table of revenues and expenditures for the past six years:—

	Revenue	Expenditure (Ordinary & Capital)	Surplus
1935-36	$ 683,938.72	$451,041.91	$232,896.81
1936-37	782,217.63	474,128.95	318,088.68
1937-38	866,558.19	563,938.33	302,619.86
1938-39	914,475.24	575,437.79	339,037.45
1939-40	1,015,350.82	568,198.55	447,152.27
1940-41	984,800.69	512,834.70	471,965.99

It will be observed that as compared with the revenue derived in 1939-40 that collected during the year covered by this report shows a reduction in the amount of $30,550.13. This decrease is not of sufficient proportions to cause concern and may be attributed principally to reduced collections from fur royalties in the neighborhood of $15,000.00, and a reduction in fees secured from the sale of resident hunting licenses, slightly in excess of $12,000.00, and from the sale of non-resident angling licenses, approximately $7,000.00.

The following table of revenue collected shows the various sources from which it was derived and the respective amounts attributable thereto:—

REVENUE FOR THE FISCAL YEAR ENDED MARCH 31st, 1941.

ORDINARY—

MAIN OFFICE—

GAME—

Licenses—

Trapping	$ 35,795.50
Non-resident hunting	84,265.00
Deer	77,469.40
Moose	2,948.00

REVENUE FOR THE FISCAL YEAR ENDED MARCH 31st, 1941—Continued

Licenses—Continued		
Gun	86,527.85	
Dog	5,746.10	
Fur Dealers	27,323.00	
Fur Farmers	8,637.50	
Tanners	160.00	
Cold Storage	178.00	
	$ 329,050.35	
Royalty	101,599.18	
		$ 430,649.53
FISHERIES—		
Licenses—		
Fishing (Commercial)	$ 85,914.00	
Angling	384,675.00	
	$ 470,589.00	
Sales—Spawn taking	226.95	
Royalty	12,066.22	
		$ 482,882.17
GENERAL—		
Licenses—		
Tourist Camps	$ 7,345.00	
Guides	7,456.00	
	$ 14,801.00	
Fines	25,416.28	
Costs Collected (Enforcement of Game Act)	786.78	
Sales—Confiscated articles, etc.	24,309.12	
Rent	3,301.75	
Commission retained by Province on sale of lic.	2,170.30	
Miscellaneous	483.76	
		$ 71,268.99
Net Ordinary Revenue		$ 984,800.69

One fact that is worthy of comment is the large proportion of the total amount of $984,800.69 which was derived from the sale of non-resident licenses, both angling and hunting. Some forty-seven and a half per cent of the entire total, or $468,940.00 was collected in this way, and this must be considered to be a remarkable showing when studied in conjunction with the feeling of uncertainty and dismay which generally prevailed in the summer of 1940 following the disastrous collapse of the French armies then engaged as our allies in the tremendous struggle against the Axis powers. The satisfactory conditions which are prevalent in the wildlife natural resources of Ontario's forests, streams and lakes, and which are an attraction and recreational benefit not only to our own sportsmen but also to non-resident anglers and hunters, are reflected to a remarkable degree in this excellent result.

Reference has already been made to the reduced departmental revenue, as compared with that of the previous year when for the first time since the establishment of the Department of Game and Fisheries it exceeded the one million dollar total, and to the fact that the decrease was not one to cause undue concern. In explanation it will be noted that the figure for 1940-41 was exceeded only once during the past six years, viz—in the preceding fiscal year, 1939-40, and the collection of revenue in that

year showed an extremely remarkable increase of more than $100,000.00 over that of 1938-39.

As previously indicated the principal reduction in revenue may be attributed to the lesser amount of fur royalties which were collected during the year, and the sale of fewer resident hunting licenses and non-resident angling licenses. To a large extent reduced fur royalties could be assigned to a smaller catch of beaver, on the pelts of which animals the royalty is $1.00, collected when they are exported from the Province or tanned. In 1939-40 two limited periods of open season were provided for the taking of beaver, and in which two periods 33,530 pelts were taken. This total represented some 12,000 pelts more than were taken in the open season which prevailed in 1940-41 in which year only one period for the taking of beaver was provided. In addition to this there was also a considerable reduction in the number of red fox which were taken in the 1940-41 season as compared with the season of 1939-40. Reduced revenue from the sale of resident hunting licenses may reasonably be assigned to the intensification of industry in connection with the manufacture of materials necessary for the effective conduct of the war in which our nation is now engaged which undoubtedly resulted in many who formerly participated in the sport which our hunting provides finding themselves without sufficient leisure for the pursuit of game to warrant their purchase of hunting licenses. The general feeling of uncertainty regarding the unfavourable war situation which prevailed throughout the summer of 1940 was no doubt responsible for the sale of fewer non-resident angling licenses, but the small total of this decrease warrants the statement that this reduction was due to the reason just stated rather than to any serious diminution in the quality or quantity of the diversified fishing privileges which are available in the waters of this Province.

However, the complete financial statement of revenue and expenditure is probably one of the best ever recorded by the Department. As compared with expenditures, both ordinary and capital, the revenue showed a surplus of $471,965.99 during the period under review. This favourable showing was achieved by the exercise of rigid control of expenditures, and the elimination of all unnecessary expense. Capital expenditures were reduced to practically an absolute minimum, only a total sum of $3,823.70 being spent under this classification. The largest capital expenditure amounted to $1,846.18, for the installation of a concrete whitefish and herring battery at the Provincial Fish Hatchery at Glenora, in Prince Edward County. For the erection of a cabin at the Martin River Camp, in the Temagami area, for the use of the local Game and Fisheries enforcement officer, was spent the sum of $541.58. The balance of $1,435.94 was used to provide necessary alterations and improvements at a few of the fish hatcheries.

As has now been the case for many years the most important items of ordinary expenditure have resulted from the maintenance in the field of the officers whose services are retained to provide enforcement of the various provisions of the Game and Fisheries Act and Regulations, and the operation of the Fish Hatcheries and distribution of fish under the Fish Culture Branch. Enforcement cost $210,536.88, while $184,121.76 was expended in connection with the work of the Fish Culture Branch. Other items of expenditure include, $13,963.71 for the purchase and distribution of pheasants, particularly in the Townships which have been designated as Regulated Game Preserve Areas, and in other areas in which suitable conditions prevail; $16,477.43 for the payment of wolf bounties and sundry expenditures incidental thereto, and of which amount the sum of $16,410.00 was actually paid as bounty; as well as $6,400.00 for various grants, details of which are as follows:—$1,000.00 for fisheries research work, particularly in the waters of Algonquin Park, under the supervision of Professor W. J. K. Harkness of the University of Toronto staff, $2,500.00 to the Ontario Fur

Farmers' Association to assist them in their endeavours to develop the fur farming industry throughout the Province, $1,000.00 to the Ontario Federation of Anglers to enable this organization to continue its campaign to secure better compliance with and observance of provisions of the Fisheries Regulations, and $1,900.00 to Messrs. Jack Miner and Thomas N. Jones and Miss Edith L. Marsh to encourage their efforts along the lines of providing a measure of protection for birds on sanctuaries maintained by them on their respective properties in the Counties of Essex, Elgin and Grey.

GAME

The following table shows the comparative details of the various resident and non-resident hunting licenses which were issued for use during the open seasons which were provided during the year, together with information of a similar character for the three preceding years. Details of the reduced numbers which were sold, to which previous reference has been made will be noted, though some increase will be observed in the following instances, viz:—resident "moose", non-resident "general" and non-resident "bear (spring season)".

	1937-38	1938-39	1939-40	1940-41
Resident Deer	18,672	21,762	21,416	20,219
Resident Deer (Camp)	283	307	323	310
Resident Deer (Farmers)	6,503	7,719	7,722	6,486
Resident Moose	580	471	497	536
Resident Gun	90,756	114,580	113,992	97,218
Non-Resident Deer	1,036	1,329	1,492	1,291
Non-Resident "General"	1,043	569	593	755
Non-Resident Small Game	1,634	1,618	1,567	1,377
Non-Resident Bear (Spring Season)	30	49	108	161

The conservation of wild life is not something peculiar to that particular resource. It is common to every phase of our existence. It is the sensible practice of making the best use of every resource with which we have been so lavishly endowed by Nature, and by ensuring that these resources will not be wilfully dissipated as a result of our own shortsightedness. Wild life is a public heritage, and the laws and regulations which are now in effect to govern hunting within the Province embody the results of years of practical experience and research. They afford protection during the reproductive periods, provide for limited open seasons and restrict the seasonal take to correspond with the available resources. These laws are quite comprehensive because the resources, territory and climatic conditions are extremely varied, yet a moment of reflection will readily supply the reasons for every restriction.

The following is a summary of conditions which apply to the various species of game animals and birds which are prevalent in Ontario, and which summary is compiled from reports submitted by Game and Fisheries Overseers throughout the Province:—

DEER:—This species is quite plentiful throughout the northern portion of the Province and in the more northerly districts of Southern Ontario, and in these sections continues to provide excellent sport for interested hunters during the fall open season. The protection of an entire close season which has been provided for the past several years in certain southwestern and eastern counties has resulted in quite a noticeable

increase in the herds in many of these counties and more particularly in Grey and Bruce. The regulations which at present exist for the protection of deer and a continuation of the existing co-operation on the part of the general public will undoubtedly ensure perpetuation and possible improvement of the deer herds which now inhabit Ontario. During the year under review provision was made to have the general open season in the most southerly division extend for a period of nineteen days, as has been the case in previous years, but commencing on the first Monday in November. The hunting of deer was also permitted during the period from November 11th to November 16th, inclusive, in the Townships of Amabel, Albemarle, Eastnor, Lindsay and St. Edmund in the Bruce Peninsula, though the use of dogs for such hunting during this open season in these five Townships was not permitted. An open season for deer was provided in that portion of the County of Carleton lying west of the Rideau River conforming with the general season in Southern Ontario and extending from November 4th to 19th, inclusive. And, further, a Regulation was provided to prohibit any hunting of deer during 1940 in the Counties of Durham, Northumberland and Prince Edward.

MOOSE:—Conditions are such with reference to moose that the hunting of this species is confined to that portion of the Province lying north and west of the French and Mattawa Rivers and Lake Nipissing. Moose is not too plentiful in any section of this northern portion of the Province, though some improvement is reported from various Districts, particularly in the two areas in the northwest and east in which all hunting of moose was prohibited during the preceding two years and which improvement resulted in the provision of an open season in these two areas, extending from October 15th to November 25th, inclusive, and which action was taken in accordance with a popular demand therefor. There are but few areas in Southern Ontario in which moose are to be found, and even in these sections their numbers are extremely limited and scarce. Some increase, though very slight, is reported from North Renfrew, North Addington and North Muskoka.

CARIBOU:—Caribou are extremely scarce throughout the Province. None are to be noticed in the southern portion of the Province, and the same condition applies in the Districts of Nipissing, Temiskaming and Manitoulin. In the remaining territory their numbers are negligible, and little or no improvement was reported from any place. They are protected by a close season throughout the entire year, and the present condition of this particular species demands a continuation of this complete protection for its perpetuation even in limited proportions.

ELK:—The only elk in Ontario are those which were originally imported from Western Canada several years ago in co-operation with the National Parks Branch of the Federal Department of Mines and Resources, and the subsequent natural increase. Some few specimens are located in Bruce County, on Beausoleil Island in Georgian Bay off the shore of Simcoe County, and on the Peterborough and Petawawa Crown Game Preserves in the Counties of Peterborough and Renfrew respectively, though reports from these areas indicate but little improvement. Additional numbers were placed on Crown Game Preserves in the Districts of Nipissing, Temiskaming, Sudbury, Algoma and Thunder Bay, and in the majority of these instances some increase in their numbers has been noticed. During 1940 a shipment of eight of these animals was completed from the Petawawa Crown Game Preserve to the Nipissing Crown Game Preserve. The hunting of elk is prohibited throughout the entire year.

BUFFALO:—With the co-operation of the Department of Mines and Resources of Canada, (National Parks Branch) a car-load of buffalo, consisting of sixteen heifers and four bulls, was imported from Alberta and these animals were placed on the Burwash Crown Game Preserve, in the District of Sudbury. While reproduction has

been small there has been but little mortality among the animals which were originally introduced.

BEAR:—These animals are reported to be quite plentiful throughout the various Northern Ontario Districts, and in the Districts of Parry Sound, Muskoka and Haliburton and in the County of Renfrew. They may be hunted or trapped under the authority of the proper licenses and there is no doubt many enjoy the pleasure which the hunting of these animals provides. During the spring bear season of 1940, that is from April 1st to June 15th, the Department issued one hundred and sixty-one (161) non resident hunting licenses, and it may be of interest to say that since the inauguration of this particular season, some four years ago, there has been an increasing interest displayed by non-resident hunters in the possibilities for recreation and relaxation thus made available.

RABBITS:—Reviewing reports with reference to rabbits it would appear that with the exception of a very few counties the various species continue to be fairly plentiful in the southern areas. In general terms the prevailing species in the extreme southern and southwestern portions of the Province are cotton-tail rabbits and European hare, the latter commonly known as the jack-rabbit,—while the snowshoe rabbit, or varying hare, exists in the eastern counties and in the areas to the north. Conditions applicable to rabbits were quite favourable throughout the season, except in Northern Ontario, where these animals were reported to be not too plentiful though probably increasing in number. Rabbit hunting is a favourite sport of Ontario hunters during the late fall and winter months, and a large percentage avail themselves of the pleasure which is to be derived from this splendid type of healthy exercise. The restricted daily catch of cotton-tail rabbits which is now effective in several of the southwestern counties has probably assisted in some measure in the increase which has been reported from these areas.

PARTRIDGE:—The improvement which has been observed in more recent years continued during the period covered by this report, and considerable increase was reported from many sections principally in the case of ruffed grouse. The sharp-tailed grouse, or prairie chicken, is confined to the extreme northern and northwestern portions, though their numbers could not be described as plentiful. However, general conditions throughout were sufficiently satisfactory to warrant the declaration of a short open season. Two periods were included in this open season, viz:—October 1st to October 15th, inclusive, and November 4th to November 16th, inclusive. Limits of catch were five birds per day, and twenty-five birds in all during the two periods. This open season did not apply in the Counties of Essex and Kent nor in the Townships established as Regulated Game Preserve Areas. In these last mentioned Counties and Townships the open season for partridge coincided with the open season for pheasants.

PHEASANT:—Climatic conditions restrict the area in which pheasants can be successfully introduced with any certain hope of permanent establishment therein. While it is not native to the Province it has been possible through intensive re-stocking in areas providing favourable conditions to sufficiently develop the pheasant population in such areas to assure such a measure of successful hunting as to warrant a limited open season for the taking of this splendid game bird. In recent years the Department has proceeded with a scheme of Regulated Game Preserve Areas in which all hunting is controlled and where these birds are liberated, and which scheme in 1940 included some seventy-one Townships or parts of Townships situated in the Counties of Lambton, Middlesex, Elgin, Oxford, Norfolk, Brant, Haldimand, Welland, Lincoln, Wentworth, Wellington, Halton, Peel, York, Ontario and Prince Edward. Conditions favourable to the propagation of these birds also prevail in areas other than these Regulated Townships, particularly in the County of Essex, including Pelee

Island, and in the County of Kent, and in which Counties provision has also been made for the distribution of these birds. Details of this distribution which was made in 1940 are indicated by the following statistics:—adult pheasants and poults totalling 16,688 were distributed, 14,963 in the Regulated Townships and 1,725 for general re-stocking outside of these areas,—County of Brant (three Townships) 664 birds; County of Elgin (five Townships) 1,000 birds; County of Haldimand (ten Townships) 1,862 birds; County of Halton (four Townships) 1,315 birds; County of Lambton (one Township) 200 birds; County of Lincoln (eight Townships) 1,650 birds; County of Middlesex (two Townships) 425 birds; County of Norfolk (four Townships) 820 birds; County of Ontario (three Townships) 750 birds; County of Oxford (one Township) 200 birds; County of Peel (five Townships) 940 birds; County of Prince Edward (one Township) 120 birds; County of Welland (eight Townships) 1,685 birds; County of Wellington (one Township) 200 birds; County of Wentworth (eight Townships) 1,459 birds; and County of York (seven Townships) 1,673 birds. The record of the general re-stocking additional to the foregoing shows 1,000 birds liberated in the County of Essex, 400 of which were placed on Pelee Island, 600 birds in the County of Kent, 75 birds in the County of Huron and 50 birds in the County of Brant. The regulations governing the open season fixed October 31st and November 1st on Pelee Island, with a limit of five birds per day, or ten for the season, with the provision that three of the total take could be hen birds conditional upon the payment of $1.00 each for such hens. In the Regulated Game Preserve Areas the open season was October 25th and 26th, and an additional day, November 1st, provided the Municipal authorities in any Township issued their special hunting licenses therefor. In fifty-two Townships the two-day season prevailed, while the three-day season was in effect in nineteen Townships. Limits of catch were three cock birds per day. The same three-day open season was provided for the County of Essex (excluding Pelee Island) and the County of Kent, as well as the limit of three cock birds per day.

HUNGARIAN PARTRIDGE:—The efforts of the Department to secure the establishment of this species in the Province have up to the present not been very successful, except in a few areas. The only localities in which they are found to any extent are in a few of the southwestern and extreme eastern counties, and even in these areas their numbers are not too plentiful. Improvement is reported only from the eastern counties. The open season in 1940, viz, October 25th and 26th and November 1st applied only in Essex (excluding Pelee Island) and Kent. Two birds per day constituted the limit of catch.

QUAIL:—Only in a few of the most extreme southwesterly counties are these birds to be found where they are not very numerous, though localized increases have been reported. The only section in which an open season was provided was in the County of Essex (excluding Pelee Island) and the County of Kent, on October 25th and 26th and November 1st. The bag limit during this open season was four birds per day.

DUCKS:—Reports from many sections, particularly in Southern Ontario, would seem to indicate some considerable improvement in the number and variety of ducks available during the open season, which generally resulted in a successful season for a majority of those sportsmen who participate in the hunting thus provided. Since 1935 the hunting regulations which are provided by the Federal authorities under the Migratory Birds Convention Act, have been made more restrictive and an active programme to provide refuges and improved nesting conditions in the far north has been carried on, all of which factors have contributed to the increase previously mentioned, and provided there is no natural set-back should continue to prove effective in maintaining and possibly improving the existing conditions as they apply to this variety of wild water-fowl.

GEESE:—This species does not play an important part in the general scheme of hunting in Ontario. Conditions remained pretty much the same as has been stated in Departmental annual reports for the past several years. Successful hunting of this variety of wild water-fowl is restricted, in Ontario, to the shores of James Bay in the far north and to the extreme southwestern Counties. In other sections they are seen only in flight during the fall and spring migration periods and provide very little sport in the way of hunting.

WOODCOCK:—While these birds, generally speaking, are not too plentiful, they continue to provide a measure of satisfactory sport for interested hunters in various sections of the Province, and more particularly in some of the Counties along the shore of Lake Erie and immediately to the north thereof as well as in the southeastern counties.

SNIPE:—These birds are not very plentiful in any portion of Ontario and are therefore not hunted very extensively. While general conditions are not favourable reports state there has been some improvement and resulting increased numbers in a few widely separated areas.

PLOVER:—There are but few sections in which these birds can be described as anything but scarce, and little improvement has been observed. Plover are protected throughout the year by regulations provided under the Migratory Birds Convention Act.

FUR-BEARING ANIMALS

Conditions as they apply to fur-bearing animals throughout the Province are summarized in the following references from reports submitted to the Department by members of the Field Service Staff:—

BEAVER:—This very desirable species of fur-bearer is quite prevalent in most sections of the Province except some of the counties in the extreme southwestern peninsula and in eastern Ontario. In Northern Ontario and in some of the northern districts in Southern Ontario reports would appear to indicate that conditions were such as to warrant the provision of a limited open season and restricted catch. The regulations governing this open season specified that it would be effective from December 1st to December 21st, 1940, both days inclusive in the territory lying north and west of the French and Mattawa Rivers and Lake Nipissing, including the District of Manitoulin, as well as in the Districts of Parry Sound and Muskoka. Licensed trappers were permitted to take not more than ten pelts during this open season and it was further specified that trappers were to dispose of the pelts taken on or before December 31st. According to returns submitted to the Department some 21,605 beaver pelts were taken during this open season, and it has been estimated that the value of these pelts to the various trappers concerned was in the neighborhood of half a million dollars.

FISHER:—These animals are extremely scarce throughout the entire Province, and reports indicate that they are practically extinct in the southern portion. The catch is diminishing quite rapidly.

FOX:—Generally speaking it would appear that this species was not too plentiful during the year under review, though reports show some increase in different sections. There was quite a reduced catch in comparison with previous years.

LYNX:—This species has become non-existent in Southern Ontario, and it is extremely scarce in the north. No improvement is reported from any section, and the annual take continues to show a decrease.

MARTEN:—As in the case of fisher and lynx, marten are extremely scarce, and no improvement has been reported. The catch in the case of this species also shows a decided reduction.

MINK:—While these animals are reported to be not too plentiful there are indications that their numbers are increasing in many areas, though probably not to any material extent. The slight increase in the number taken during the open season may be attributed to improved conditions to which previous reference has been made.

MUSKRAT:—It is again possible to report an increase in the catch of this species, some fifty thousand more pelts being taken than was the case in the previous year, though conditions which applied to muskrat remained practically the same. The open season is provided by Regulation and this arrangement is perhaps the most satisfactory in that it is possible to take advantage of propitious weather conditions, and thus confine the season to a limited period in which there would be little or no interference with natural propagation. These pelts do not bring an exceptional price on the market, but by reason of the fact they can be caught in large numbers the returns to the trapper are of substantial worth. It has been estimated that the 740,000 pelts taken in 1940 were worth approximately $1,500,000.00, or more than half the value of the total fur catch of the year.

OTTER:—Some improvement is reported from sections in the northern portion of the Province, and, while otter are not too plentiful, the catch for the year covered by this report was better than the average for the past ten years, and was exceeded in that time only by the catch in the preceding year, 1939-40.

RACCOON:—There was a decided decrease in the take of raccoon as compared with that of the previous year. It is found only in the more southerly portions of the Province, due to the extreme cold weather which prevails during the winter months in the north. Conditions with regard to this species remain unchanged.

SKUNK:—Continues to be very plentiful, but their obnoxious methods of defence, coupled with a low market value, discourage any general efforts by trappers for the taking of this species.

WEASEL:—There was a decided decrease in the number of weasel which were trapped during 1940, as compared with the number taken in the previous year. This cannot be attributed to any substantial decrease in the numbers available, and is probably due to the diminished demand for these pelts, and the resulting poor prices derived from the sale thereof.

The following comparative table shows the numbers of pelts of the various species of fur-bearing animals which were exported from and dressed within the Province during the year under review in addition to the three years immediately preceding:—

	1937-38	1938-39	1939-40	1940-41
Bear	496	363	295	274
Beaver	235	1,366	33,530	21,605
Fisher	1,463	1,467	1,382	858
Fox (Cross)	2,426	2,164	981	722
Fox (red)	24,912	22,366	19,925	15,059
Fox (silver or black)	201	131	101	67
Fox (white)	47	142	36	91
Lynx	1,284	785	514	383
Marten	1,709	2,074	1,790	1,439
Mink	22,766	25,111	36,518	38,976
Muskrat	343,972	508,893	689,706	739,224
Otter	3,737	3,764	4,101	3,931
Raccoon	13,194	9,493	14,493	11,973
Skunk	61,576	89,100	74,176	72,005
Weasel	79,853	93,488	95,832	53,719
Wolverine	5	3	2	2

From reports received from various licensed fur dealers it has been possible for the Department to estimate that trappers received a total of $2,677,211.26 from the catch of fur during 1940-41, an increase of some fourteen per cent over the previous year, and which increase may be assigned to the general improvement in muskrats, both take and market value.

The product of licensed fur farms, comprised wholly of fox and mink, disposed of during the year by such fur farm operators had an estimated value of $1,246,847.66, an increase of almost $200,000 over the previous year, making the value of the total fur production of the Province in 1940-41 the sum of $3,924,058.92.

FUR FARMING

The propagation of fur bearing animals in captivity continues to be an industry of considerable economic importance, particularly during war time, as a large percentage of the fur production is exported thereby establishing valuable foreign exchange. Due to the prevailing uncertainty as regards future markets and the rising cost of feed some recession was recorded, though 1841 fur farms were licensed during the calendar year of 1940, the period covered by such licenses, a reduction of only four per cent.

The subjoined comparative table shows the total breeding stock retained on these licensed premises as at the first day of January in each of the four years therein enumerated, and from which it will be noted that these operations are restricted principally to silver fox and mink:—

	1938	1939	1940	1941
Beaver	25	2	4	13
Fisher	16	19	27	26
Fox (cross)	235	197	168	134
Fox (red)	140	120	96	65
Fox (silver or black)	24,848	22,923	18,327	16,034
Fox (blue)	0	98	209	397
Lynx	2	2	2	2
Mink	21,982	30,378	31,989	34,277
Muskrat	302	267	235	179
Raccoon	351	284	243	139
Skunk	9	6	10	7
Marten	11	15	19	16
Otter	0	0	2	2

This breeding stock retained on licensed fur farms as at January 1st, 1941, was estimated to have a replacement value of $2,094,341.00.

Departmental compilation of fur records shows that licensed fur farmers during the year 1940-41 disposed of the following pelts from stock raised on their premises, viz:—

62,281 mink, 59,790 of which were exported and the remaining 2,491 dressed in the Province.

34,282 silver and black fox, of which 25,001 were exported and the remaining 9,281 dressed in the Province.

285 blue fox, of which 282 were exported, and the remaining 3 dressed in the Province.

202 cross fox, of which 111 were exported and the remaining 91 dressed in the Province.

CROWN GAME PRESERVES

Practical protection has been afforded wild life through the setting aside of extensive areas of land as sanctuary for game. At the present time the various Game Preserves scattered throughout the Province have a combined area of approximately thirteen thousand five hundred square miles. Much of this land is still in the Crown, particularly in Northern Ontario, but many of the smaller areas have been set aside with the consent of the land-owners. Much of the land is wild land, particularly suited for the development of large and small game, while in the southern section of the Province they are well adapted to the protection and propagation of upland game, including birds.

During the period under review only one new Game Preserve was established. This was the Kapisko Beaver Sanctuary, situated in the District of Patricia. The primary function of this Sanctuary is to enable the Department, with the co-operation of the Hudson's Bay Company, to restock the area with beaver, control the annual take, and provide a restricted trapping ground for the benefit of Indians resident in the Province. The trapping of fur-bearing animals other than beaver will be permitted to resident Indians.

The following changes and renewals were made in the case of existing Game Preserves:

The boundaries of the Nipissing Crown Game Preserve were altered to conform with changes in the location of Provincial Highway No. 11 which forms the western boundary of this Game Preserve.

The boundaries of the Waterloo Crown Game Preserve, situated in the County of Waterloo, were revised and some additional land included in the area.

The Wilder Lake Crown Game Preserve, located in the Township of Egremont, County of Grey, and the Woodlands Crown Game Preserve, located in the Township of Trafalgar, County of Halton, were renewed for a further period of five years, to November, 1945.

A further measure of protection and control is afforded through the scheme of Regulated Townships. The regulations provide that those who hunt in these regulated areas must have special hunting licenses issued by the respective Municipal Councils, with the approval of the Department, in addition to the regular hunting licenses required under the provisions of the Game and Fisheries Act, and which has the effect of restricting the number of hunters who may operate in any particular area and thus avoid congestion. During the year the following Townships were incorporated in the scheme, viz: Township of Whitchurch in York County, that part of the Township of Toronto lying north of the Queen Elizabeth Highway in Peel County, Townships of Flamboro West and Glanford in Wentworth County, Township of Dunwich in Elgin County, and the Township of Plympton in Lambton County. The total number of Townships included in the scheme following these additions was seventy-one.

WOLF BOUNTIES

The following is a comparative table of condensed wolf bounty payments and statistics for the current fiscal year and the preceding four years:—

Period	Timber	Brush	Pups	Total	Bounty & Expenses
For year ending Mar. 31, 1937	1,090	1,197	31	2,318	$33,360.63
For year ending Mar. 31, 1938	1,022	837	30	1,889	27,474.24
For year ending Mar. 31, 1939	1,031	723	41	1,795	25,357.00
For year ending Mar. 31, 1940	1,107	614	22	1,743	25,058.12
For year ending Mar. 31, 1941	738	400	8	1,146	16,477.43

Since 1933 the rate of bounty has been $15.00 on adult wolves and $5.00 on wolves under the age of three months. An amendment to the Wolf Bounty Act, under which these payments are made, and which was enacted during the 1941 Session of the Legislature, provided that the bounty to be paid on wolves killed after March 1st, 1941, shall be $25.00 on adults and $5.00 on wolves under the age of three months.

Reference to the previous table indicates a progressive reduction in the number of wolves destroyed each year and on which bounty was paid, and it is quite possible that the increased bounty provided might stimulate operations which have as their object the destruction of these predators.

During the year 1940-41 nine hundred claims for bounty were submitted for consideration. These claims were in respect to a total of 1,162 pelts, though claims for bounty on some sixteen of these pelts, which were not wolves, were refused.

Bounty was paid to 752 persons who collected a total of $17,550.00, of which the sum of $1,140.00 was paid by County Treasurers on wolves killed within such Counties, the bounty in such cases being paid by the Counties, forty per cent thereof being rebated by the Department.

From information supplied on the applications for bounty it would appear that 500 of these animals were taken by wire snares, 293 were shot, 279 were trapped, and the balance by methods not indicated on the claims. It has been ascertained that Indians were responsible for the killing of 341 of these wolves, 319 were killed by farmers, 199 by fur trappers, and the balance by park rangers, guides, hunters, etc.

The following table sets forth in detail the sources of origin and variety of the wolf pelts for which application for bounty was made:—

ANALYSIS OF APPLICATIONS FOR WOLF BOUNTY

County or District	Number of Timber	Number of Brush	Number of Pups	Total Pelts
Algoma	70	38	4	112
Bruce	12	4	...	16
Cochrane	18	...	...	18
Frontenac	2	6	...	8
Haliburton	10	...	...	10
Hastings	6	2	...	8
Huron	1	1	...	2
Grey	...	5	...	5
Kenora	167	72	4	243
Kent	...	1	...	1
Lambton	...	2	...	2
Lanark	10	...	...	10
Leeds	...	1	...	1
Lennox & Addington	2	5	...	7
Manitoulin	15	67	...	82
Middlesex	...	4	...	4
Muskoka	19	4	...	23
Nipissing	66	12	...	78
Norfolk	...	7	...	7
Northumberland	...	1	...	1
Ontario	2	7	...	9
Parry Sound	41	1	...	42
Patricia	30	6	...	36
Peel	1	...	...	1
Peterboro	2	...	...	2
Rainy River	73	60	...	133
Renfrew	26	2	...	28
Sudbury	62	52	...	114
Simcoe	11	3	...	14
Temiskaming	6	...	...	6
Thunder Bay	88	40	...	128
Victoria	5	5	...	10
Wellington	...	1	...	1
Totals	745	409	8	1,162

Administration of the Wolf Bounty Act during the year under review resulted in a total expenditure of $16,447.43, of which the sum of $16,410.00 was actually paid as bounty. Details of this expenditure are as follows:—

Brush Wolves	51	@ $ 6.00	$ 306.00	
	334	@ $15.00	5,010.00	
	15	@ $25.00	375.00	
	400			$ 5,691.00
Timber Wolves	69	@ $ 6.00	$ 414.00	
	4	@ $10.00	40.00	
	640	@ $15.00	9,600.00	
	25	@ $25.00	625.00	
	738			$10,679.00
Pups	8	@ $ 5.00	$ 40.00	
	8			$ 40.00
TOTAL	1,146			$16,410.00
Expenses				67.43
Total Cost				$16,477.43

GENERAL

TOURIST OUTFITTERS:—

The licensing of hunting and fishing camps catering to the tourist trade in Northern Ontario (north and west of the line of the Canadian National Railway running between Parry Sound and Pembroke) was continued. Notwithstanding some uncertainty as to the tourist trade during war time, twenty-five more camps were licensed than in the previous year. Of the 667 camps operated under license, 615 were owned by residents of Ontario and 52 by non-residents. These camps were located as set forth in the following table:—

Algoma	95
Cochrane	6
Kenora	157
Manitoulin	58
Nipissing	96
Parry Sound	117
Patricia	2
Rainy River	32
Renfrew	13
Sudbury	57
Temiskaming	4
Thunder Bay	30
Total	667

THE BULLETIN:—

An enlightened public opinion is the best means of securing that co-operation without which no law can be a success. With this in mind the Department has continued to issue its bi-monthly Bulletin. This publication in addition to providing

information concerning Departmental activities, covers many phases of natural history and contains other articles of an educational nature. It circulates to the press, the Sportsmen's Organizations, and to an extensive list of private individuals, teachers, etc., which list has been built up over a period of years through personal application. Over eighteen hundred copies are mailed each issue, but because of the nature of the mailing list it is safe to assume that its sphere of usefulness and influence as an educational medium is much greater than the circulation would imply.

GAME AND FISHERIES ACT:—

There were no amendments to the Game and Fisheries Act enacted during the session of the Legislative Assembly held in 1940, though special regulations were adopted by Order-in-Council in accordance with the provisions of subsection 1 of Section 6 of the said Act, as follows:—

(a) The period of the spring bear season was extended, and is in effect from April 1st to June 15th.

(b) Licenses to authorize the use of fire-arms for hunting purposes in the Counties of Essex and Kent, restricted as to period, and are valid only from October 1st to January 31st, next following.

(c) Prohibiting the use of snares for the taking of beaver at any time.

(d) Prohibiting the use of snares for any purpose in the Counties of York and Ontario.

(e) Providing a limit of catch on cotton-tail rabbits of six per day in the County of Lincoln.

(f) Prohibiting the purchase or sale of cotton-tail rabbits in the County of Lincoln.

ENFORCEMENT SERVICE

Eternal vigilance is the watchword of those who are engaged in the work of law enforcement, and the Game and Fisheries Overseer whose job it is to see that the various provisions of the Game and Fisheries Act and regulations are observed belongs to that service whose ceaseless watching is a necessary part of our scheme of life. But for his persistent activity the wild life of the Province would soon suffer severely from illegal destruction. During the year under review there were between eighty and ninety officers permanently engaged in this work of patrol and supervision, and whose services were augmented by temporary officers employed for varying periods when their assistance was most desirable. In addition the Department also receives the close co-operation of Provincial Police constables in the work of enforcement. There are also hundreds of Deputy Game and Fisheries Wardens, private individuals who sufficiently interest themselves in this work of protection to secure the authority provided under such appointments to enable them to act individually or in conjunction with the regular Overseers in the matter of preventing offences against the Game and Fisheries Act.

Due to the extensive land and water areas of the Province each Overseer must of necessity cover a large territory, but despite long patrols these field officers are quite active in the discharge of their duties.

The Department would, of course, prefer to find law observance so complete that seizures and prosecutions would be unnecessary, but a minority of more or less thoughtless and frequently unscrupulous persons whose activities are a menace to conservation make constant vigilance imperative.

And in this connection Departmental records show that during 1940-41 there were 1345 instances in which offenders were apprehended by various members of the enforcement services, and on which occasions equipment being used unlawfully, and fish, game and pelts, taken contrary to the regulations, were confiscated from those apprehended. In 1176 of these cases the seizures were made by Game and Fisheries Overseers, Deputy Game and Fisheries Wardens were responsible for the action in 67 cases, seizures were made in 26 cases by Provincial Police constables, while in the remaining 76 cases co-operative action by Overseers, Deputy Game Wardens and Provincial Police resulted in the seizures.

The following is a summary of the articles confiscated:—

Live animals	in 5 cases
Birds, game animals and meat	in 166 cases
Fire-arms and ammunition	in 401 cases
Fish	in 165 cases
Nets and fishing equipment	in 224 cases
Angling equipment	in 118 cases
Pelts and hides	in 293 cases
Traps and trapping equipment	in 160 cases
Canoes, rowboats & motor boats	in 43 cases
Outboard motors	in 15 cases
Automobiles and trucks	in 19 cases
Flashlights, spot-lights & lanterns	in 26 cases
Spears	in 57 cases
Miscellaneous articles	in 45 cases

Responsible for the apparent discrepancy in these total figures when compared with the actual number of seizures carried out would be the fact that individual seizure reports would in many cases apply to more than one article, i.e. some reports would cover traps and pelts, fire-arms and game, fishing tackle and fish, lights and spears, as well as other combinations.

Included among the miscellaneous articles which were seized in the 45 cases reported are eleven haversacks and packsacks, ten suitcases and trunks, one hundred and seventeen duck decoys, six axes, one battery and three ferrets.

Seized pelts included 1152 beaver, 39 fox (various species) 77 mink, 1817 muskrat, 22 otter, 38 raccoon, 18 skunk, 98 squirrel, 80 weasel, 1 fisher and 1 lynx, in addition to 95 hides of deer, moose, etc.

Confiscated fire-arms were as follows:—184 .22 rifles, 56 heavy calibre rifles, 56 single barrel shotguns, 72 double barrel shotguns, 20 repeating shotguns, 4 automatic shotguns, 4 pistols and revolvers, and 32 air guns.

Subsequent prosecutions were provided in 1,138 cases, the action being instituted by Game and Fisheries Overseers in 1,082 of these cases, by Provincial Police constables in 31 cases, by Deputy Game Wardens in 14 cases, and by co-operative action in 10 cases, while in one case the charges were laid by a private individual in a trespass case under Section 65 of the Game and Fisheries Act. In 1,078 cases convictions were registered, 47 charges were dismissed, and in 13 cases the charges were withdrawn by the officers responsible therefor.

Upon reference to the statement of revenue which appears earlier in this report it will be observed that fines amounting to $25,416.28 were collected during the fiscal year ending March 31st, 1941, as a result of these prosecutions, and of this amount $11,990.00 was paid by some eleven persons apprehended with unlawful beaver

pelts in their possession. The fines in these specific cases varied from $100.00 to $3,630.00 according to the number of pelts involved in each violation. Not only were these fines assessed but the beaver pelts found in their possession, and totalling 487, were also confiscated and included in the sales of furs conducted by the Department, the proceeds of which sales are also public funds. Beaver pelts included in the Departmental sale conducted in the month of October, 1940, averaged approximately $20.00 per pelt, so that in addition to their fines these offenders also forfeited to the Crown some $9,740.00 derived from the sale of their pelts. Verily, the way of the transgressor is hard!

THE FISH CULTURE BRANCH

During the year the Department operated twenty-seven hatcheries and rearing stations. By means of these facilities the culture of fish was carried out in a satisfactory and effective manner.

Apart from maintenance, additional hatchery construction consisted of the completion of the Hill Lake Trout Rearing Station and the construction of a new battery for whitefish, herring and pickerel at the Glenora hatchery.

THE CULTURE AND DISTRIBUTION OF FISH

The total distribution of fish of various sizes and ages exceeded that of any previous year. Excellent progress was made in culturing and distributing small-mouthed black bass, large-mouthed black bass, maskinonge, pickerel, speckled trout, herring and whitefish.

Speckled Trout:

The following statistics indicate the progress being made in the culture and distribution of yearling and older stages of this valuable native game fish.

1936	563,351
1937	1,183,223
1938	2,087,990
1939	2,982,874
1940	3,285,264

The production of yearling speckled trout in 1940 was 10 per cent higher than that of the previous year. In addition, 611,000 fingerlings which could not be accommodated in the hatcheries or ponds were distributed.

Brown Trout:

In excess of one-quarter million yearlings and approximately 182,000 fingerlings were distributed. Favourable reports of successful angling in the larger, lower reaches of certain southern Ontario streams, where brown trout have been introduced, are indicative of the success being achieved with this species.

Rainbow Trout:

(a) Steelhead trout—

The small increase in the number of yearlings distributed was compensated by the fingerling distribution, which was more than double that of the previous year. Distribution was made in water areas in which this species has become established.

(b) Kamloops trout—

The Kamloops trout is the common trout of the interior of British Columbia, occurring throughout the Fraser river drainage above Hell's Gate canyon and throughout most of the basin of the Columbia river in British Columbia. Unlike its close relative, the rainbow trout, it does not descend to the sea. Considerable differences exist in the characteristics of the species from different habitats, as to colouration, size, markings, etc., and even in large lakes confusing differences occur among individuals of the same species.

Generally speaking, they mature and spawn in their fourth year, although under certain conditions they might not spawn until their fifth year. Spawning takes place in creeks from April to June. It is stated that some of them spawn on the beaches of lakes at the mouths of streams tributary to the lakes. In some cases, Kamloops trout spend their whole lives in streams.

Only a limited amount of authentic information is available on the feeding habits of Kamloops trout. It is reasonable to expect that insects form the bulk of the food of specimens under sixteen inches at all seasons, but the staple food of the larger specimens is probably fish. The kokanee, a diminutive salmon, occurs in very large numbers in most lakes where the Kamloops trout reaches any considerable size, and is preyed upon by the latter.

The Kamloops trout is an excellent game fish, and is taken on the fly and by trolling. When caught it makes a terrific fight for freedom, combining a series of mad rushes and violent leaps with violent shaking of the head. It fights like the steelhead trout and requires considerable skill to land. The best fly fishing is obtained in streams and small lakes and at the mouths of streams flowing into larger rivers and lakes. The usual weight of the fish taken is from three to four pounds, although they grow to a much larger size; there are records up to thirty-five pounds.

Small consignments of eyed Kamloops trout eggs were imported from Kamloops, B.C., each summer from 1934 to 1937, inclusive. The largest losses were experienced immediately after arrival, particularly in hatchery waters in which a rapid upward surge in temperature occurred. The original importation to the Pembroke Trout Rearing Station was experimental but it is evident from later observations that Kamloops trout eggs hatch normally and without serious loss in spring water of approximately constant temperature, for example, at the Sault Ste. Marie and Chatsworth Trout Rearing Stations.

Normandale ponds were used for rearing parent fish, since it was expected that the location and climatic conditions would be congenial for the species. In 1938 the Kamloops breeders at Normandale spawned for the first time, and limited numbers of eggs were collected at that time and during subsequent spawning seasons. Special mention is made of this fact since it was an accomplishment not previously recorded in eastern North America. It was reported on good authority that this experiment was made in a pond in the east prior to 1938 but was not successful.

Previous annual reports contain information on the distribution of Kamloops trout in Ontario. Successful angling has been reported from Echo lake, in the district of Muskoka, and Bloom lake, in the district of Nipissing.

On account of its excellent game qualities and the fact that it becomes established in an environment similar to that inhabited by our eastern or native brook trout, and since, unlike its close relative the rainbow, it is non-migratory, controlled distribution in Ontario was recommended. Twenty-six thousand five hundred yearlings

were distributed this year. The previous distribution of yearlings of this species was in 1935.

Lake Trout:

There was an increase of 4.5 per cent in the distribution of lake trout fry and a decrease of 26.6 per cent in the distribution of fingerlings.

Whitefish:

An increase of 23.5 per cent in the distribution of whitefish fry as compared with that of the previous year was achieved. This commendable increase was due to the splendid cooperative efforts of our hatchery officers, spawntaking crews and commercial fishermen.

Herring:

The distribution of herring fry was 27 per cent more than the previous year, a very creditable showing.

Yellow Pickerel (Pike-Perch):

The percentage increase in the number of pickerel fry distributed was approximately the same as that recorded during the previous year, namely, 20.3 per cent.

Following the customary procedure, 2,000,000 eyed eggs were handled by the Sparrow Lake hatchery, and the fry were distributed over suitable natural spawning grounds in Sparrow lake.

Small-Mouthed Black Bass:

Exceptionally good progress was made in the culture of small-mouthed black bass. The percentage increased distribution of fry and fingerlings was 81.3 and 98.5 per cent, respectively.

Large-Mouthed Black Bass:

Two hundred and thirty thousand fry and 5,500 fingerlings were successfully reared and distributed from two small ponds at Mount Pleasant, a very commendable distribution considering the limited pond areas under cultivation.

Yellow Perch:

The number of perch eggs available in the vicinity of Kingsville hatchery, lake Erie, is subject to wide fluctuation each year. This production was much lower in 1940 than in the two years immediately preceding, but higher than in 1937.

Considering the commercial value of the perch, the collection of spawn in the absence of a closed season is important.

Maskinonge:

The distribution of maskinonge fry was 12.3 per cent less than that of the preceding year, but this was greatly offset by an increase of 79.5 per cent in the distribution of fingerlings.

For the second time in the history of the Department, maskinonge fingerlings of sizable proportions were reared by the pond method, namely, 1,300 in 1939, and 2,333 in 1940. This work was outlined in detail in the previous annual report.

CLOSED WATERS

One of the most promising methods of conserving the breeding stock of fish is to close parts of natural water areas to fishing. In these areas the fish thrive

without interference and spread to other parts of the same river or lake. By such means a permanent breeding stock is set up, and there is taken each year only the natural increase from it.

In addition to the waters already closed for the natural protection and propagation of fish, the following were closed during the year, April 1, 1940, to March 31, 1941:

1. BLACK DUCK LAKE (Part of Deer Bay),
   Township of Harvey, County of Peterborough.

2. CEDAR CREEK (Part),
   Township of Dumfries North, County of Waterloo.

3. CHEMONG LAKE (Part),
   Townships of Smith and Emily, Counties of Peterborough and Victoria.

4. DEEP BAY (Part of Sparrow Lake),
   Township of Matchedash, County of Simcoe.

5. GOOSE LAKE (Part of Scugog River),
   Township of Fenelon, County of Victoria.

6. GOOSE LAKE,
   Townships of Fenelon and Somerville, County of Victoria.

7. HARVEY CREEK or NOGIE'S CREEK,
   (From the dam at Bass Lake to the dam near Pigeon Lake),
   Townships of Galway and Harvey, County of Peterborough.

8. LITTLE MUD LAKE,
   Township of Smith, County of Peterborough.

9. MASKINONGE CREEK,
   (From Maskinonge Lake to Little Vermilion Lake, and part of Maskinonge and Little Vermilion Lakes),
   Townships of Pickerel, Echo and Vermilion, District of Kenora.

10. McINTYRE RIVER, from mouth to John Street Road, Port Arthur, and
    NEEBING RIVER, from mouth to First bridge on Arthur Street, Fort William.

11. NEWBORO LAKE (Part),
    Townships of Crosby North and Crosby South, County of Leeds.

12. OPINICON LAKE (Part locally known as "Drowned Land"),
    Township of Crosby South, County of Leeds.

13. SEARIGHTS BAY (Part of North River),
    Township of Belmont, County of Peterborough.

14. STREAM connecting Sand Lake and Wolfe Lake,
    Township of Crosby North, County of Leeds.

15. TAYLOR'S BAY (North River Bay), and MUNNS' BAY (Belmont Lake),
    Township of Belmont, County of Peterborough.

16. TWELVE MILE CREEK (Part south-east of Highway No. 5),
    Townships of Nelson and Trafalgar, County of Halton.

17. WHITEFISH, BASS and CLEAR LAKES,
    Township of Humphrey, District of Parry Sound.

All of the waters enumerated above are closed to protect black bass and maskinonge, with the exception of No. 2, for speckled trout, No. 10, for rainbow trout, No. 14, for pickerel, and No. 17, for lake trout.

REMOVAL OF COARSE FISH

From December 27, 1940, to February 8, 1941, hoop nets and trap nets were operated in Ahmic lake and tributary waters, for the removal of ling and suckers. One thousand five hundred and twenty-seven ling and 234 suckers were caught. The average weight of the ling and suckers was 5 lbs. and 2½ lbs., respectively.

BIOLOGICAL SURVEYS

A biological survey of Curley lake, concession VI, lot 26, township of Glenelg, county of Grey, indicated that it was suitable for large-mouthed black bass.

Lake Scugog was examined to determine the suitability of certain areas as sanctuaries for maskinonge. One of these areas is located at the south tip of Scugog island and the other at King's bay, located at the northwest side of the lake.

A site for a dam between Hart lake and Loughborough lake was investigated; the dam is desirable in order to keep Loughborough lake at a more normal level.

Pollution of a branch of the Credit river, in the township of Esquesing, county of Halton, was investigated. A small stream flowing through Georgetown enters this branch just south of the town, carrying with it wastes from a paper processing plant. The pollution of the Moira river was also investigated.

The Ontario Fisheries Research Laboratory of the Department of Biology, University of Toronto, continued field and laboratory studies of lakes and streams in Algonquin Park.

Following the procedure of the previous year the members of the laboratory cooperated with the Park staff in distributing speckled trout yearlings provided by the Ontario Department of Game and Fisheries. The lakes stocked are included in the lists in Appendix No. 1, under the district of Nipissing. Speckled trout planted in Brewer, Cache, Costello and Opeongo lakes were marked by removal of the adipose fin. This year one of the Park trucks was equipped with tanks making it possible to transport the fish earlier in the season and to plant them while the surface waters of the lakes were still quite cool, which should add greatly to their chances of survival. It is extremely important that we should measure the success of these plantings, and all persons fishing in the lakes in which speckled trout have been planted are urged to report their catches through the medium of the creel census.

The first successful planting of lake herring in lake Opeongo as food for the trout was accomplished this year by transferring 250 six inch lake herring from Mary river near Huntsville.

The transport of adult lake trout from more inaccessible to heavily fished waters was not successful. The pound nets were set in White Trout lake, but presumably owing to the extremely backward season the trout did not run and not enough were caught to warrant the expense of continued fishing.

Three of the smaller lakes, Jacks, Sproule and Sunday, accessible from the highway and which do not offer fishing at present were investigated. These seem suitable for trout and an attempt to develop fishing in them is planned.

In all, twenty-one lakes were closed to fishing in 1940. These lakes will be open in 1941. Raven, Head and Merchant lakes, which were closed in 1939 were open in 1940. No creel census reports were received from Raven lake but the fishing in both Head and Merchant showed the benefit of the year's respite. The availability of lake trout in Head lake was almost twice as great in 1940 as in 1938. The situation in Merchant lake is more complicated owing to the history of the fishery there but there is no doubt that the fishing was substantially improved by closure. Owing apparently to a slow growth rate, a single year's closure does not make a marked change in the size composition of lake trout catches, but it does in the case of speckled trout. Merchant lake which was famous for the size of its speckled trout in the past, but which had more recently been disappointing in this respect, again yielded some nice catches in 1940. The Ontario Fisheries Research Laboratory is anxious to receive full reports of fishing in these lakes through the creel census in order to assess the benefits of closure.

It was not possible to carry on as extensive a creel census in 1940 as in previous years. It is of interest to note that 1940 is the first year in which bass were reported in any numbers from Happyisle lake, although they were known to occur there. This rise of a bass population to a fishable level is a further and, it is to be hoped, a last spread of this species in the Opeongo drainage. The creel census of lake Opeongo has now been carried on for five years. The accumulated data have not only enabled the investigators to follow the trend of the lake trout fishery there but are now also sufficient to make a first approximation of the spawning escapement. It remains to be seen whether the escapement in 1936 was sufficient to maintain the stock. An answer to this should be found in the next two years when the young fish resulting from the 1936 spawning will be entering the fishery. Enough creel census returns for bass have now been received to make possible a classification of the bass fisheries similar to that established for the lake trout. Bass lakes in which the average length of the fish captured is between eleven and twelve inches produce the greatest availability of these fish. Most of the creel census work was confined to Algonquin South but records were also gathered for lake Traverse and vicinity. This is of particular importance since lake Traverse is the only lake in the Park offering lunge fishing.

The investigations of the food habits of the game and forage fish were continued. The work on the food and growth of the yellow perch is almost completed. The routine examination of the stomach contents of lake trout, speckled trout and bass was continued at lake Opeongo.

The study of the whitefish population in lake Opeongo was continued; there are dwarf individuals which mature at two years as well as the more usual individuals that grow to three pounds, or more, and mature at four years.

Studies were made on the quantitative methods of sampling the plankton population of certain lakes. Tests were made on the use of a smaller and more convenient form of the tube sampler which has proved to be more accurate than other samplers currently in use.

Stream studies carried out from early May until mid-September were concerned with the insect fauna and the speckled trout. Two locations were selected, Mud creek, a tributary of the Madawaska river near the east gate of the Park, and the rapids below Tea lake dam on the Oxtongue river. At the former location the quantitative distribution of aquatic insects on different types of bottom and in different reaches of the stream was studied. Changes in the fauna of a rapids flooded out by a beaver pond last year were followed, showing some interesting results which were reported at the meeting of the American Fisheries Society held at

Toronto in September. At Tea lake dam an opportunity was afforded of investigating the feeding of speckled trout. Quantitative collections of the insects emerging from the water which form a large percentage of the trout food were made and trout were taken and their stomach contents are being examined to find what elements of the food available to the trout are eaten by them at different times of the day and year. During this study it was noted that the trout were absent from the rapids below the dam from approximately the 20th of July to September 1st.

Work carried on in the experimental laboratory at Opeongo was concerned with various ways in which environment may affect or limit the activities of fish. An investigation of immediate practical importance to our technique of restocking was to ascertain what surface temperatures might be considered unfavourably high for the planting of speckled trout. It was found that speckled trout, straight from the holding troughs, would die within twenty-four hours if placed in water at 73° F. Further, the gradual equalizing of the temperature of the water in the fish can to that of the bath over a period of fifteen minutes gave no appreciable benefits. However, by first exposing the fish to a moderately high temperature for twelve hours (65° F.) it was possible to raise the lethal temperature from 73° F. to 79° F., even although the fish had been returned to cooler water over night. A study of the lethal temperatures of the various species of fish in the waters of the Park was begun.

Studies on the respiratory tolerance of fish were continued, and experiments on the circulatory capacity of fish were conducted by measuring the volume of blood passed by the heart at each stroke. This apparently differs widely in different species of fish and we believe it may be one of the differences between those fish which can live in warm water and those which cannot.

ACKNOWLEDGMENTS

The Department is indebted to the Ontario Federation of Anglers and Hunters and its many constituent Fish and Game Protective Associations throughout the Province and to the Northern Ontario Tourist Trade Association, as well as to interested sportsmen and conservationists for their active co-operation and splendid assistance in the protection of the provincial fish and game resources. The activities of these Associations and individuals have undoubtedly played a prominent part in developing the spirit of conservation now prevalent in the Province, and have materially helped to make our work in the Department more agreeable and pleasant.

In closing this report I desire to make reference to the work of the staff. Members of the service, both inside and outside, generally have been conscientious in the performance of their work, and courteous in their contacts with the public, in an endeavour to assure the best results.

All of which is respectfully submitted.

I am, Sir,

Your obedient servant,

D. J. TAYLOR,
Deputy Minister of Game and Fisheries.

APPENDIX No. 1

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
APRIL 1st, 1940, to MARCH 31st, 1941.

LARGE-MOUTHED BLACK BASS

FRY

Brant:	
Fairchild's Creek	15,000
Frontenac:	
Bear Lake	5,000
Coles Lake	5,000
Dog Lake	5,000
Lower Trout Lake	5,000
McClintock Lake	5,000
Mud Lake	5,000
Spectacle Lake	5,000
Haliburton:	
Black Lake	15,000
Lanark:	
Silver Lake (Sherbrooke)	5,000
Leeds:	
Benson Lake	5,000
Cranberry Lake	5,000
Gananoque Lake	5,000
Graham Lake	5,000
Loon Lake	5,000
Lyndhurst Lake	5,000
Newboro Lake	5,000
Sand Lake	5,000
South Lake	5,000
Whitefish Lake	5,000
Ontario:	
Wagner Lake	10,000
Peterborough:	
Crystal Lake	15,000
Lovesick Lake	10,000
Salmon Lake	15,000
Spence Lake	10,000
White Lake	15,000
White Duck Lake	15,000
Victoria:	
Scugog River	10,000
Waterloo:	
Conestogo River	10,000

FINGERLINGS

Bruce:	
Desbarats Creek	500
Marl Lake	500
Grey:	
Curley Lake	1,000
Saugeen River	500
Huron:	
Mountain Lake	1,000
Simcoe:	
Orr Lake	1,000
York:	
Toronto Island Lagoons	1,000

ADULTS

Brant:	
Oakland Pond	52
Norfolk:	
Milford Pond	50
Oxford:	
Maplehurst Lake	50

SMALL-MOUTHED BLACK BASS

FRY

Algoma:	
Allan Lake	7,500
Alma Lake	5,000
Appleby Lake	5,000
Bass Lake (Striker)	7,500
Bass Lake (168)	7,500
Basswood Lake	5,000
Boundary Lake	7,500
Bright Lake	5,000
Carpenter Lake	7,500
Cummings Lake	7,500
Darrell Lake	7,500
Dean Lake	15,000
Duck Lake	5,000
Foot Lake	5,000
Grassy Lake	5,000
Green Lake	5,000
Horn Lake	5,000
Lake of the Mountains	15,000
Lauzon Lake	10,000
Long Lake (Patton)	7,500
Lost Lake	7,500
McKee's Lake	15,000
Meikel Lake	5,000
Mine Lake	5,000
Mississagi Lake	15,000
Mountain Lake	5,000
Pike Lake	5,000
Potomac Lake	12,000
Stuart Lake	7,500
Turtle Lake	5,000
Twenty-five Cent Lake	5,000
Unhamed lake in U Tp.	7,500
Brant:	
Scotland Pit Pond	15,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

SMALL-MOUTHED BLACK BASS
—Continued

Elgin:	
Pinafore Lake	10,000
Union Pond	10,000
Frontenac:	
Collins Lake	10,000
Mississippi River	10,000
Pine Lake	10,000
Shircliff Lake	5,000
Grenville:	
Rideau River	10,000
Grey:	
McCulloch Lake	2,000
Haldimand:	
Grand River	45,000
Haliburton:	
Big Bob Lake	15,000
Elephant Lake	15,000
Gull Lake	15,000
Head Lake	15,000
Koshlong Lake	15,000
Kushog Lake	15,000
Mink Lake	15,000
Miserable Lake	15,000
Monk Lake	15,000
Mountain Lake	15,000
Paradise Lake	15,000
Placid Lake	15,000
Round Lake	15,000
South Lake	15,000
Halton:	
Twelve Mile Creek	10,000
Hastings:	
Baptiste Lake	15,000
Bass Lake	10,000
Beaver Creek	5,000
Bennett Lake	20,000
Big Salmon Lake	10,000
Burnt Lake	5,000
Crow Lake	5,000
Crow River	5,000
Fraser Lake	5,000
Gull Lake	5,000
Gunter Lake	5,000
Jordan Lake	5,000
Little Salmon Lake	5,000
Moira Lake	20,000
Moira River	10,000
Oak Lake	10,000
Parks Creek	10,000
Pine Lake	5,000
Spring Lake	10,000
Trent River	10,000
Wadsworth Lake	5,000
Weslemkoon Lake	10,000
Lanark:	
Bennett Lake	10,000
Black Lake	10,000
Christie Lake	10,000
Clear Lake	5,000
Otty Lake	10,000
Pike Lake	10,000
Silver Lake	10,000
Leeds:	
Benson Lake	5,000
Cranberry Lake	5,000
Little Long Lake	5,000
Little Rideau Lake	10,000
Lyndhurst Lake	5,000
Newboro Lake	10,000
Opinicon Lake	5,000
St. Lawrence River	25,000
Sand Lake	10,000
Singleton Lake	10,000
Traynor Lake	5,000
Whitefish Lake	5,000
Lennox-Addington:	
Bass Lake	5,000
Beaver Lake	5,000
Buckshot Lake	10,000
Cedar Lake	5,000
Duck Lake	5,000
Lime Lake	5,000
Long Lake	10,000
Loon Lake	15,000
Otter Lake	5,000
White Lake	5,000
Manitoulin:	
Bass Lake	15,000
Kagawong Lake	15,000
Middlesex:	
Thames River	20,000
Muskoka:	
Camels Lake	5,000
Clearwater Lake	5,000
Davis Lake	5,000
Deer Lake	5,000
Devine Lake	5,000
Dickie Lake	5,000
Duck Lake	5,000
Gillies Lake	5,000
Haleys Lake	5,000
Kashe Lake	15,000
Lake Joseph	5,000
Leach Lake	5,000
Little Sand Lake	5,000
Long Lake (Draper)	5,000
Long Lake (Stephenson)	5,000
MacKay Lake	5,000
Mainhoods Lake	5,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

SMALL-MOUTHED BLACK BASS —Continued

Muskoka—Continued

Martin Lake	5,000
Muskoka Lake	30,000
Muskoka River	5,000
Poverty Lake	5,000
Rosseau Lake	5,000
Three Mile Lake	5,000
Tookes Lake	5,000
Wood Lake	5,000

Nipissing:

Beaver Lake	5,000
Bruce Lake	5,000
Herridge Lake	5,000
Lake Champlain	5,000
Little Martin Lake	5,000
Martin Lake	5,000
Martin River	5,000
McPhee Lake	5,000
Nosbonsing Lake	5,000
Olive Lake	5,000
Opechee Lake	5,000
Talon Lake	5,000
Wasing Lake	5,000
Wickstead Lake	5,000

Northumberland:

Rice Lake	20,000
Trent River	35,000

Ontario:

Severn River (N. Branch)	20,000

Parry Sound:

Ahmic Lake	20,000
Arthur Lake	5,000
Bain Lake	5,000
Barton Lake	5,000
Bass Lake (Humphrey)	5,000
Beaver Lake (Bethune)	5,000
Billies Lake	5,000
Blackwater Lake	15,000
Caribou Lake	5,000
Cecebe Lake	10,000
Charter Lake	5,000
Clear Lake	5,000
Coles Lake	5,000
Commanda Lake	5,000
Deer Lake (Lount)	25,000
Deer Lake (Wilson)	5,000
Doe Lake	5,000
Eagle Lake	5,000
Hamers Lake	5,000
Jack's Lake (Armour)	10,000
Jack's Lake (Mills)	5,000
Kawigamog Lake	5,000
Kelcey's Bay	5,000
Lake Joseph	5,000
Lake of Many Islands	30,000
Lake of the Woods	5,000
Limestone Lake	5,000
Little Clam Lake	5,000
Little Lake Joseph	5,000
Little Long Lake	5,000
Long Lake (Mills-Wilson)	10,000
Louisa Lake	5,000
Lynch Lake	10,000
Maganetawan River	10,000
Manitowaba Lake	5,000
Manson Lake	5,000
Maple Lake	5,000
Mary Jane Lake	5,000
McQuaby Lake	5,000
Memesagamesi Lake	5,000
Mill Lake	5,000
Neighick Lake	10,000
Pickerel Lake	20,000
Portage Lake (Humphrey)	5,000
Portage Lake (McDougall)	5,000
Rankin Lake	5,000
Restoule Lake	5,000
Rosseau Lake	5,000
Ruth Lake	5,000
Sharrows Lake	5,000
Shawanaga Lake	5,000
Shebeshekong Lake	5,000
Silver Lake	5,000
Six Mile Lake	5,000
Spring Lake (Lount)	10,000
Squaw Lake	5,000
Stanley Lake	5,000
Star Lake	5,000
Stormy Lake	5,000
Sucker Lake	5,000
Ten Mile Lake	5,000
Toad Lake	5,000
Trout Lake (Humphrey)	5,000
Turtle Lake	5,000
Whitefish Lake	5,000
Whitestone Lake	5,000
Wilson Lake (Hagerman)	5,000
Wilson Lake (Wilson)	5,000
Wolf Lake	5,000
Wolf River	5,000
Woodcock Lake	5,000

Peel:

Credit River	10,000

Peterborough:

Big Cedar Lake	5,000
Chemong Lake	15,000
Clear Lake	10,000
Deer Bay	10,000
Indian River	10,000
Jack's Lake	10,000
Katchiwano Lake	10,000
Little Cedar Lake	5,000
Little Lake	5,000
Long Lake (Burleigh)	10,000
Long Lake (Douro)	5,000
Loon Lake	10,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

SMALL-MOUTHED BLACK BASS
—Continued

Peterborough—Continued

Lovesick Lake	10,000
Otonabee River	20,000
Pigeon Lake	15,000
Stony Lake	20,000
Trent River	5,000
White Lake	5,000

Prince Edward:

Consecon Lake	8,000
Roblins Lake	8,000
West Lake	8,000

Renfrew:

Bonnechere River	10,000
Hurds Lake	10,000
Olmstead Lake	10,000

Simcoe:

Deep Bay Sanctuary	30,000

Stormont:

St. Lawrence River	15,000

Sudbury:

Agnew Lake	30,000
Metagamesi Lake	15,000
Nepahawin Lake	12,000
Penage Lake	40,000
Ratter Lake	10,000
Spanish River	30,000
Wanapitei Lake	30,000
Whitewater Lake	15,000

Timiskaming:

Lake Timagami	10,000

Victoria:

Balsam Lake	25,000
Burnt River	15,000
Crooked Lake	15,000
Dalrymple Lake	20,000
Pigeon Creek	10,000
Round Lake	15,000
Silver Lake	10,000
Sturgeon River	20,000

Waterloo:

Black River	10,000
Grand River	10,000
Nith River	10,000
Paradise Lake	10,000

Wellington:

Puslinch Lake	20,000

FINGERLINGS

Algoma:

Aberdeen Lake	2,000
Alma Lake	3,000
Bear Head Lake	1,000
Caribou Lake	2,000
Cloudy Lake	2,000
Cooper Lake	2,000
Desbarats Lake	2,000
Diamond Lake	2,000
Elbo Lake	4,000
Friendly Lake	4,000
Gordon Lake	2,000
Iron Lake	2,000
Jiggery Lake	500
Kapuskasing Lake	1,000
Keichel Lake	1,000
Lonely Lake	2,000
Long Lake (Victoria)	1,000
Marie Lake	2,000
Marion Lake	1,000
McCarroll Lake	2,000
Miller Marsh Lake	2,000
Patton Lake	2,000
Pipe Lake	1,000
Rock Lake	2,000
Unnamed lake in U Tp.	3,000
Windfall Lake	5,000

Brant:

Grand River	600
Oakland Pond	500

Bruce:

Arran Lake	3,000
Boat Lake	3,000
Chesley Lake	4,000
Isaac Lake	2,000
Sauble River	3,000
Saugeen River	2,000
Silver Lake	1,000

Carleton:

Ottawa River	1,000

Cochrane:

Baart's Lake	500

Frontenac:

Bass Lake (Loughborough)	1,000
Big Clear Lake	1,000
Bobs Lake	2,000
Brule Lake	1,000
Buck Lake (Bedford)	1,000
Buck Lake (Kennebec)	1,000
Collins Lake	1,000
Cranberry Lake	1,000
Cross Lake	1,000
Crotch Lake	1,000
Crow Lake	1,000
Devil Lake	1,000
Eagle Lake	3,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

SMALL-MOUTHED BLACK BASS —Continued

Frontenac—Continued

Farm Lake	1,000
Fortune Lake	1,000
Gull Lake (Clarendon)	1,000
Horseshoe Lake	500
Indian Lake	1,000
Kashwakamak Lake	2,500
Long Lake (Olden)	1,000
Long Lake (Portland)	1,000
Loughborough Lake	4,000
Marble Lake	500
Mazinaw Lake	1,000
Mink Lake	1,000
Mississagagon Lake	2,000
Quebec Lake	500
Riley Lake	500
Rock Lake	500
Salmon Lake	1,000
Sand Lake	1,000
Sharbot Lake	1,000
Shaw Lake	1,000
Sydenham Lake	1,000
Varty Lake	1,000
White Lake	1,000

Grenville:

Nation River	1,000
Rideau River	1,000

Grey:

Francis Lake	3,000
Mountain Lake	1,000
Pearl Lake	1,000

Haliburton:

Bark Lake	1,000
Bat Lake	2,000
Bay at mouth of Buck Lake	2,000
Cameron Lake	2,000
Cranberry Lake	500
Kashagawigamog Lake	2,000
Long Lake	3,000
Maple Lake	2,000
Moore Lake	3,000
Paul Lake	2,000
Pete Lake	2,000
Seeton Lake	2,000
Third Lake	2,000

Hastings:

Baptiste Lake	1,500
Crow River	1,000
Hinchcliff Lake	1,000
Loon Lake	500
Moira Lake	1,000
Tongamong Lake	1,000
Whetstone Lake	1,000

Huron:

Maitland River	1,000

Lanark:

Dalhousie Lake	1,000
Gillies Lake	500
Horn Lake	500
Kerr Lake	1,000
Mississippi River	1,000
Patterson Lake	1,000
Round Lake	1,000

Leeds:

Charleston Lake	1,500
Gananoque Lake	1,000
Lower Beverley Lake	1,000
Red Horse Lake	1,000
Rideau Lake	1,000
Sand Lake	1,000
Whitefish Lake	1,000

Manitoulin:

Bayfield Sound	7,500
Big Lake	3,000
Ice Lake	6,000
Lilly Lake	5,000
Loon Lake	5,000
Manitou Lake	6,500
McGregor Bay	1,200
Mindemoya Lake	12,000
Silver Lake	6,000
South Bay	20,000
Tobacco Lake	6,000
Whitefish Lake	2,500

Muskoka:

Abbs Lake	1,000
Crooked Lake	1,000
McKay Lake	1,000
Six Mile Lake	1,000
Walker Lake	1,000

Nipissing:

Bear Lake	500
Cache Lake	3,000
Clear Lake	500
Cowley Lake	500
French River	2,250
Kaibuskong Lake	500
Little Sturgeon Lake	500
Lower Twin Lake	500
Moore Lake	500
Muskosung Lake	3,000
Nipissing Lake	4,500
Poplar Lake	500
Spruce Lake	500
Talon Lake	500
Tomiko Lake	6,000
Trout Lake	10,000
Turtle Lake	500
Wistiwasing Lake	500

Norfolk:

Waterford Gravel Pit Pond	600

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

SMALL-MOUTHED BLACK BASS —Continued

Northumberland:

Rice Lake	800

Ontario:

Lake St. John	1,000

Parry Sound:

Bass Lake (Hardy)	500
Bass Lake (Patterson)	1,000
Big Lake	500
Blue Lake	500
Crane Lake	1,000
Crooked Lake	1,000
Devolve Lake	500
Eagle Lake	1,000
Goose-neck Lake	1,000
Haynes Lake	500
Horseshoe Lake	1,000
Irish Lake	500
Lennon Lake	1,000
Long Lake	500
Loon Lake	500
Maganetawan River	500
McVeety Lake	1,000
Milton Lake	500
Moffat Lake	500
Mud Lake	1,000
Nipissing Lake	2,000
Oastler Lake	500
Orange Lake	500
Rainy Lake	1,000
Shoal Lake	1,000
Smith Bay	1,000
Spring Lake	1,000
Trout Lake (McDougall)	1,000
Watt Lake	1,000
Wiggins Lake	500
Wolf Lake	500
Wright Lake	500

Peterborough:

Bald Lake	900
Bass Lake	800
Belmont Lake	800
Bottle Lake	900
Buck Lake	1,500
Catchacoma Lake	1,500
Chemong Lake	1,000
Crab Lake	800
Crystal Lake	800
Duck Lake	800
Eagle Lake	1,800
Gold Lake	900
Jack's Lake	800
Kashabog Lake	1,000
Katchiwano Lake	1,000
Little Mud Lake	500
Little Trout Lake	1,000
Lovesick Lake	1,200
Mississauga Lake	1,000
Oak Lake	1,000
Round Lake	2,654
Sandy Lake	900
Stony Lake	2,000
Talon Lake	800
Trout Lake	800
Twin Lake	1,000
Wolf Lake	800

Renfrew:

Calabogie Lake	1,000
Chats Lake	1,000
Constant Lake	1,000
Ferguson Lake	1,000
Frederick Bay	1,000
Green Lake	500
Hyde Bay	500
Loon Lake	500
Mink Lake	1,000
Moccasin Lake	500
Morans Lake	500
Round Lake	1,000
Smiths Lake	500
Stones Lake	1,000
White Lake	1,000

Simcoe:

Bass Lake	2,000
Cook's Lake	2,000
Couchiching Lake	2,000
Gloucester Pool	3,000
Kempenfeldt Bay	2,000
Nottawasaga River	2,500
Park Lake	3,000

Sudbury:

Bass Lake (Dennison)	2,500
Bass Lake (36-37)	3,000
Charlton Lake	2,500
Cranberry Lake	3,000
Cross Lake	750
Edith Lake	750
French River	1,750
Frood Lake	2,500
Howry Lake	1,500
Ivanhoe Lake	750
LaCloche Lake	1,000
Maple Lake	1,000
McCharles Lake	2,500
Nelson Lake	1,500
Nipissing Lake	500
Penage Lake	4,000
Poulin Lake	3,000
Shanty Bay	1,000
Tower Lake	3,000
Trout Lake	1,250
Vermilion Lake	1,000

Thunder Bay:

Boulevard Lake	6,000
Selwyn Lake	3,000
Shebandowan Lake	3,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

SMALL-MOUTHED BLACK BASS
—Continued

Timiskaming:	
Bear Lake	500
Beaverhouse Lake	500
Bloom Lake	500
Emerald Lake	500
Hanging Stone River	500
Lake Timagami	500
Sesekinika Lake	1,000
Shanty Lake	500
Victoria:	
Cameron Lake	2,000
Head Lake	2,000
Mud Turtle Lake	2,000
Round Lake	2,000
Wellington:	
Allan's Dam	1,500
Armstrong Dam	2,000
York:	
Lake Simcoe	2,000
Miscellaneous:	
Sales	5,000

YEARLINGS AND ADULTS

Brant:	
Burford Lake	110
Grand River	73
Scotland Pit Pond	100
Hastings:	
Crow Lake	100
Manitoulin:	
Perch Lake	24
Middlesex:	
Sydenham River	107
Muskoka:	
Skeleton Lake	542
Norfolk:	
Waterford Pond	105
Peterborough:	
Belmont Lake	100
Great Lakes:	
North Channel	410

MASKINONGE
FRY

Carleton:	
Ottawa River	25,000
Frontenac:	
St. Lawrence River	20,000
Haldimand:	
Grand River	10,000
Hastings:	
Bay of Quinte	35,000
Beaver Creek	20,000
Crow Lake	20,000
Crow River	20,000
Moira Lake	20,000
Moira River	35,000
Sears Lake	10,000
Stoco Lake	15,000
Tongamong Lake	20,000
Trent River	40,000
Twin Lakes	5,000
Whetstone Lake	10,000
Leeds:	
St. Lawrence River	30,000
Muskoka:	
Kahshe Lake	15,000
Sparrow Lake	20,000
Nipissing:	
Lake Nipissing	30,000
Lake Traverse	5,000
Wolseley Bay	30,000
Northumberland:	
Rice Lake	75,000
Trent River	140,000
Ontario:	
Lake St. John	10,000
Parry Sound:	
Lake Nipissing	20,000
Pickerel River	10,000
Peterborough:	
Bald Lake	10,000
Belmont Lake	50,000
Buckhorn Lake	25,000
Chemong Lake	80,000
Clear Lake	80,000
Deer Bay	80,000
Deer Lake	5,000
Gilchrist Bay	20,000
Indian River	15,000
Kashabog Lake	20,000
Katchiwano Lake	120,000
Little Lake	10,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

MASKINONGE—Continued

Peterborough—Continued

Little Mud Lake	20,000
Little Trout Lake	50,000
Lovesick Lake	40,000
Otonabee River	40,000
Pigeon Lake	50,000
Rice Lake	20,000
Round Lake	50,000
Sandy Lake	15,000
Stony Lake	250,000
Trent River	20,000
Twin Lake	5,000
White Lake	15,000

Prince Edward:

East Lake	10,000
West Lake	15,000

Renfrew:

Black Bay	10,000
Cory Lake	10,000
Cushene Lake	10,000
James Lake	15,000
Lac du Bois Dur	10,000
Montgomery Lake	15,000
Redbridge Lake	15,000
Stephenson Lake	5,000

Simcoe:

Gloucester Pool	20,000
Lake Simcoe	25,000

Stormont:

St. Lawrence River	20,000

Sudbury:

French River	20,000

Thunder Bay:

Lac des Mille Lacs	5,000

Victoria:

Balsam Lake	40,000
Burnt River	15,000
Cameron Lake	20,000
Dalrymple Lake	15,000
Mud Turtle Lake	15,000
Pigeon Creek	40,000
Pigeon Lake	60,000
Pigeon River	80,000
Scugog Lake	40,000
Scugog River	10,000
Silver Lake	10,000
Young's Lake	10,000

Waterloo:

Nith River	5,000

FINGERLINGS

Peterborough:

Belmont Lake	200
Buckhorn Lake	200
Clear Lake	200
Gilchrist Bay	200
Katchawanooka River	200
Rice Lake	200
Searight Bay	23
Stony Lake	510

Simcoe:

Lake Couchiching	200

Victoria:

Pigeon River	200
Sturgeon River	200

PERCH

FRY

Lake Erie	13,000,000

PICKEREL

EYED EGGS

Sparrow Lake	2,000,000

FRY

Algoma:

Allan Lake	500,000
Anjigami Lake	1,000,000
Arnill Lake	500,000
Bright Lake	500,000
Canoe Lake	1,000,000
Caribou Lake	500,000
Clear Lake	1,000,000
Crab Lake	100,000
Cummings Lake	500,000
Dean Lake	250,000
Desbarats Lake	1,500,000
Gordon Lake	500,000
Granary Lake	350,000
Keichel Lake	500,000
Lake of the Mountains	150,000
Lauzon Lake	500,000
Lillyget Lake	500,000
Little Basswood Lake	500,000
Little Clear Lake	500,000
Marion Lake	250,000
Mississauga River	500,000
Pipe Lake	500,000
Rock Lake	500,000
Spanish River	500,000
White Lake	500,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

PICKEREL—Continued

Bruce:

Berry's Lake	750,000
Boat Lake	1,000,000
Chesley Lake	1,000,000
Isaac Lake	1,000,000
Sauble River	1,000,000
Saugeen River	750,000
Seips Lake	300,000
Silver Lake	200,000
Sky Lake	1,000,000
Spry Lake	250,000

Carleton:

Ottawa River	500,000

Cochrane:

Bigwater Lake	200,000
Bobs Lake	200,000
Nighthawk River	200,000
Round Lake	100,000
Whitefish River	300,000

Frontenac:

Bass Lake	250,000
Big Clear Lake	200,000
Big Gull Lake	700,000
Big Lake	200,000
Bobs Lake	1,950,000
Cross Lake (Kennebec)	700,000
Crotch Lake (Palmerston)	500,000
Crow Lake	300,000
Dean Lake	100,000
Fourteen Island Lake	100,000
Green Bay Lake	200,000
Green Lake	500,000
Gull Lake	700,000
Horseshoe Lake	100,000
Kashwakamak Lake	1,850,000
Long Lake (Olden)	250,000
Long Lake (Portland)	450,000
Malcolm Lake	500,000
Marble Lake	200,000
Mazinaw Lake	500,000
McClintock Lake	100,000
Mink Lake	100,000
Mississagagon Lake	750,000
Mississippi River	800,000
Otter Lake	100,000
Red Pine Lake	300,000
Salmon Lake	300,000
Sharbot Lake	500,000
Varty Lake	100,000

Grenville:

Nation River	400,000
Rideau River	1,000,000

Grey:

Mountain Lake	750,000

Haldimand:

Grand River	1,500,000

Haliburton:

Cauntaus Lake	500,000
Elephant Lake	1,000,000
Mink Lake	150,000
Otter Lake	250,000
Paudash Lake	1,000,000
Wolf Lake	500,000

Hastings:

Baptiste Lake	800,000
Bow Lake	200,000
Crow Lake	1,000,000
Crow River	200,000
Lime Lake	100,000
Mallard Lake	200,000
Moira Lake	500,000
Moira River	300,000
Rock Lake	500,000
Salmon Trout Lake	100,000
Sears Lake	100,000
Silent Lake	250,000
Tongamong Lake	1,000,000
Trent River	500,000

Kenora:

Andy Lake	250,000
Berry Lake	1,500,000
Blindfold Lake	1,500,000
Bowden Lake	750,000
Clay Lake	750,000
Corner Lake	1,500,000
Eagle Lake	3,000,000
Ely Lake	250,000
Lake of the Woods	58,175,000
Long Bow Lake	1,500,000
Lulu Lake	1,500,000
Marchington Lake	3,000,000
Silver Lake	1,000,000
Vermilion Bay	1,000,000
Wabigoon Lake	1,000,000
Winnipeg River	1,000,000

Lanark:

Barbers Lake	200,000
Bennett Lake	400,000
Black Lake	150,000
Christie Lake	800,000
Dalhousie Lake	500,000
Gillies Lake	200,000
Keatings Lake	100,000
Kerr Lake	500,000
Long Lake	100,000
Mississippi Lake	700,000
Mississippi River	1,300,000
Otty Lake	300,000
Patterson Lake	500,000
Round Lake	200,000
Spectacle Lake	500,000
Whites Lake	450,000

Leeds:

Clear Lake	200,000
Crosby Lake	500,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

PICKEREL—Continued

Leeds—Continued

Devil Lake	250,000
Graham Lake	100,000
Higgley Lake	150,000
Loon Lake	200,000
Opinicon Lake	800,000
St. Lawrence River	1,700,000
Sand Lake	750,000
Traynor Lake	150,000
Upper Rideau	1,000,000
Wolf Lake	500,000

Lennox-Addington:

Beaver Lake	1,000,000
Camel Lake	500,000
Cedar Lake	300,000
Duck Lake	200,000
Long Lake	500,000
Loon Lake	500,000
Mazinaw Lake	600,000
Van's Lake	100,000
White Lake	100,000

Manitoulin:

Burnt Lake	1,000,000
Manitowaning Bay	500,000
Mindemoya Lake	4,000,000
South Bay	500,000
West Bay	1,500,000

Muskoka:

Allen's Lake	300,000
Axel's Lake	150,000
Crooked Lake	750,000
Kahshe Lake	250,000
Lake Muskoka	800,000
Long Lake (McLean)	250,000
Mootes Lake	150,000
Silver Lake	250,000
Six Mile Lake	750,000
Skeleton Lake	250,000

Nipissing:

Beaver Lake	200,000
Bruce Lake	200,000
Cedar Lake	500,000
French River	1,000,000
Kaibuskong Lake	100,000
Lake Champlain	200,000
Lake Nipissing	4,100,000
Lake Timagami	1,000,000
Little Martin Lake	100,000
Lower Twin Lake	200,000
Marion Lake	400,000
Martin Lake	800,000
Martin River	600,000
McPhee Lake	200,000
Moore Lake	250,000
Net Lake	200,000
Nosbonsing Lake	1,000,000
Opechee Lake	150,000
Red Cedar Lake	200,000
Rib Lake	200,000
Talon Lake	500,000
Tilden Lake	200,000
Tomiko Lake	1,000,000
Twin Lake	100,000
Wasaki Lake	200,000
Wasing Lake	200,000
Wickstead Bay	500,000
Wolseley Bay	1,000,000

Northumberland:

Crow Bay	500,000
Crow River	500,000
Rice Lake	1,000,000
Trent River	3,000,000

Ontario:

Lake St. John	1,000,000
Mud Lake	1,000,000
Severn River	1,500,000

Oxford:

Lakeside Lake	1,000,000
Nith River	1,000,000

Parry Sound:

Ahmic Lake	650,000
Barton Lake	200,000
Bass Lake	200,000
Billie Lake	100,000
Burnt Lake	100,000
Cecebe Lake	300,000
Charter Lake	200,000
Clear Lake (Mills)	100,000
Clear Lake (Watts)	200,000
Commanda Lake	250,000
Cranberry Lake	100,000
Crooked Lake	200,000
Doe Lake	600,000
Duck Lake	100,000
Haynes Lake	150,000
Isabella Lake	300,000
Jacks Lake	100,000
Kawigamog Lake	450,000
Lake Joseph	400,000
Lake Nipissing	2,000,000
Lake of Many Islands	100,000
Lake Rosseau	2,700,000
Little Lake Joseph	250,000
Little Long Lake	100,000
Long Lake (Mills)	100,000
Long Lake (Patterson)	200,000
Long Lake (Wilson)	100,000
Loon Bay	500,000
Maganetawan River	450,000
McKeown Lake	100,000
McQuaby Lake	100,000
McVeety Lake	100,000
Memesagamesi Lake	1,100,000
Merrick's Lake	50,000
Mill Lake	200,000
Naiscot Lake	500,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

PICKEREL—Continued

Parry Sound—Continued

Neighick Lake	100,000
Oastler Lake	800,000
Pickerel Lake	250,000
Pickerel River	500,000
Portage Lake	450,000
Rainy Lake	200,000
Restoule Lake	600,000
Ruth Lake	100,000
Ryans Lake	100,000
Sharrows Lake	100,000
Shawanaga Lake	300,000
Shebeshekong Lake	100,000
Shoal Lake	200,000
Silver Lake	100,000
Snakeskin Lake	100,000
Squaw Lake	400,000
Stanley Lake	150,000
Stewarts Lake	200,000
Stormy Lake	100,000
Sucker Lake (Humphrey)	300,000
Sucker Lake (Mills)	100,000
Theodelite Lake	100,000
Toad Lake	200,000
Wahwashkesh Lake	1,000,000
Whitestone Lake	300,000
Wilson Lake	150,000
Wolf River	1,500,000
Manitowaba Lake	200,000

Peterborough:

Belmont Lake	1,000,000
Buckhorn Lake	1,000,000
Concession Lake	100,000
Connolly's Lake	500,000
Deer Lake	500,000
Indian River	500,000
Little Cedar Lake	500,000
Little Trout Lake	500,000
Long Lake (Burleigh)	1,000,000
Loon Lake (Chandos)	1,000,000
North River	500,000
Oak Lake	1,000,000
Otonabee River	500,000
Rice Lake	2,000,000
Round Lake	1,000,000
Trent River	1,000,000
Twin Lakes	1,000,000

Prince Edward:

Consecon Lake	300,000
West Lake	300,000

Rainy River:

Clearwater Lake	6,000,000
Lake of the Woods	1,500,000
One-sided Lake	4,500,000
Quill Lake	3,000,000
Rainy Lake	58,000,000
Sabaskong Bay (Lake of the Woods)	15,000,000
Steeprock Lake	2,000,000

Renfrew:

Black Bay	300,000
Calabogie Lake	200,000
Chats Lake	500,000
Constant Lake	250,000
Cushene Lake	100,000
Dempsey's Lake	100,000
Dore Lake	500,000
Golden Lake	500,000
Hardwood Lake	200,000
Hazel Bay	250,000
Hurds Lake	200,000
Jones Lake	100,000
Lafleur Lake	100,000
Madawaska River	400,000
Muskrat Lake	250,000
Norway Lake	450,000
Olmstead Lake	250,000
Otterson Lake	100,000
Petawawa River	500,000
Stephenson Lake	100,000
Sturgeon Lake	250,000
Westmeath Lake	250,000
White Lake (McNab)	500,000
White Lake (Raglan)	250,000
York River	200,000

Russell:

Castor River	1,000,000

Simcoe:

Gloucester Pool	4,000,000
Little Lake	500,000
North River	2,500,000
Nottawasaga River	600,000
Severn River	2,000,000
Six Mile Lake	750,000

Stormont:

St. Lawrence River	1,600,000

Sudbury:

Agnew Lake	1,000,000
Cameron Lake	100,000
Charlton Lake	500,000
Clear Lake	100,000
Crooked Lake	250,000
Cutler Lake	250,000
French River	3,000,000
Ivanhoe Lake	500,000
La Cloche Lake	1,000,000
Lake Penage	2,000,000
Long Lake	750,000
Lovering Lake	100,000
Makido Lake	1,000,000
Matagamasi Lake	400,000
McFarlane Lake	200,000
Minisinakwa Lake	1,000,000
Moose Lake	250,000
Nepiwasy Lake	500,000
Richards Lake	200,000
Shanty Bay	1,000,000
Wanapitei Lake	1,000,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

PICKEREL—Continued

Sudbury—Continued	
Whitewater Lake	200,000
Thunder Bay:	
Lake Windigoostigwan	500,000
Timiskaming:	
Bear Lake	250,000
Beaverhouse Lake	250,000
Blue Lake	200,000
Cedar Lake	75,000
Gillies Lake	75,000
Granite Lake	75,000
Hound Chute	75,000
Kenogami Lake	300,000
Lake Timagami	2,000,000
Net Lake	100,000
Portage Lake	75,000
Round Lake	100,000
Tomiko Lake	75,000
Twin Lake	100,000
Victoria Lake	100,000
Wendigo Lake	250,000
Victoria:	
Little Turtle Lake	1,000,000
Mud Turtle Lake	500,000
Great Lakes:	
Lake Superior	3,000,000
North Channel	19,000,000
Lake Huron	23,862,000

ADULTS

Middlesex:	
Sydenham River	100

BROWN TROUT

FINGERLINGS

Brant:	
Whiteman's Creek	10,000
Elgin:	
Big Creek	15,000
Grey:	
Potawatami River	10,000
Saugeen River	20,000
Styx River	10,000
Muskoka:	
Indian River	5,000
Kahshe Lake	5,000
Norfolk:	
Big Creek	10,000
Little Otter	15,000
Nanticoke Creek	10,000
Unnamed Stream	2,000
Northumberland:	
Bowens Pond	725
Peel:	
Credit River	10,000
Simcoe:	
Nottawasaga River	40,000
Wellington:	
Speed River	10,000
York:	
Humber River	10,000

YEARLINGS

Brant:	
Scotland Pit Pond	500
Whiteman's Creek	3,600
Bruce:	
Albermarle Creek	1,200
Fladd's Dam	500
Lockerby Creek	3,600
Plum Creek	3,600
Saugeen River	7,250
Snake Creek	1,800
Spring Creek	1,000
Sucker Creek	1,600
Teeswater River	3,600
Vogt's Creek	1,000
Willow Creek	1,600
Cochrane:	
Mattagami River	2,500
Durham:	
Bowmanville Pond	1,500
Ganaraska River	2,000
Mordens Creek	1,500
Rowe's Pond	500
Stephens Creek	1,500
Vanstone's Pond	1,500
Elgin:	
Big Creek	3,600
Deer Creek	500
Little Otter	3,600
Otter Creek	500
Grey:	
Beaver River	1,500
Big Head River	10,800
Lueck's Mill Pond	3,000
Potawatami River	2,700
Sauble River	1,800

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

BROWN TROUT—Continued

Grey—Continued	
Saugeen River	12,600
Styx River	3,600
Sydenham River	4,400
Haldimand:	
Rogers Creek	1,800
Halton:	
Sixteen Mile Creek	2,000
Twelve Mile Creek	13,300
Hastings:	
Rawdon Creek	3,600
Huron:	
Maitland River	9,000
Nine Mile River	3,600
Lambton:	
Bear Creek	1,000
Lincoln:	
Effingham Stream	1,500
Twelve Mile Creek	1,000
Middlesex:	
Caddy Creek	500
Medway Creek	2,200
Norfolk:	
Big Creek	10,800
Clear Lake	1,500
Little Otter	3,000
Nanticoke Creek	3,800
Stony Creek	400
Venison Creek	1,500
Northumberland:	
Cavan Stream	2,700
Cole's Pond	500
Dudley's Pond	250
Ontario:	
Chubtown Creek	1,500
Oxford:	
Burns Creek	1,000
Horner's Creek	1,000
Peel:	
Credit River	3,000
Perth:	
Avon River	2,100
Halfway House Creek	2,100
Peterborough:	
Deer Bay Creek	8,000
Eel's Creek	9,600
Jack's Creek	3,700
Mississauga River	7,000
Mount Pleasant Stream	1,500
Simcoe:	
Boyne River	3,700
Nottawasaga River	16,800
Willow Creek	3,000
Waterloo:	
Bridgeport Dam	1,500
Cedar Creek	1,000
Dentinger Creek	2,200
Fisher Mill Dam	1,500
Gingerich Creek	1,000
Welland:	
Lyons Creek	8,000
Wellington:	
Conestogo River	2,200
Everton Stream	1,500
Speed River	6,300
Wentworth:	
Bronte Creek	2,100
York:	
Hoover Pond	300
Humber River	6,000

LAKE TROUT

EYED EGGS

Exchange	575,000

FRY

Frontenac:	
Big Gull Lake	20,000
Brule Lake	5,000
Buck Lake	20,000
Buckshot Lake	30,000
Camp Lake	5,000
Canoe Lake	5,000
Canonto Lake	15,000
Chambers Lake	5,000
Crotch Lake	35,000
Crow Lake	20,000
Draper Lake	15,000
Eagle Lake	10,000
Granite Lake	5,000
Green Lake	20,000
Grindstone Lake	10,000
Kashwakamak Lake	10,000
Loughborough Lake	15,000
Mackie Lake	15,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

LAKE TROUT—Continued

Frontenac—Continued

Mississauga Lake	10,000
Palmerston Lake	25,000
Reid's Lake	15,000
Schooner Lake	25,000
Sharbot Lake	30,000

Haliburton:

Deer Lake	5,000
Drag Lake	25,000
Eagle Lake	10,000
East Lake	5,000
Farquhar Lake	10,000
Fishtail Lake	5,000
Hurricane Lake	5,000
Kashagawigamog Lake	10,000
Kushog Lake	10,000
Long Lake	5,000
Moose Lake	10,000
Paudash Lake	5,000
Pine Lake	5,000
Redstone Lake	35,000
Ritchie's Lake	5,000
Spruce Lake	5,000

Hastings:

Baptiste Lake	60,000
Bass Lake	15,000
Big Salmon Lake	10,000
Burnt Lake	3,000
Cedar Lake	10,000
Clear Lake	5,000
Devil Lake	5,000
Dickie Lake	7,000
Eagle Lake	30,000
Gunter Lake	5,000
Jamieson Lake	5,000
Kaminiskeg Lake	10,000
La Vallee Lake	5,000
Limestone Lake	5,000
Little Salmon Lake	20,000
McKenzie Lake	5,000
Robinson Lake	30,000
Silver Lake	10,000
Trout Lake	5,000
Wadsworth Lake	5,000

Lanark:

Rideau Lake	60,000
Rob's Lake	5,000
Silver Lake	15,000

Leeds:

Charleston Lake	15,000
Indian Lake	20,000
Red Horse Lake	15,000
Wolf Lake	20,000

Lennox-Addington:

Buckshot Lake	30,000
Elbow Lake	15,000
Little Weslemkoon Lake	5,000
Loon Lake	60,000
Otter Lake	10,000
Thirty Island Lake	20,000
Weslemkoon Lake	10,000
White Lake	10,000

Peterborough:

Belmont Lake	20,000
Big Cedar Lake	10,000
Bottle Lake	10,000
Catchacoma Lake	25,000
Crystal Lake	10,000
Eagle Lake	30,000
Eel's Lake	30,000
Gold Lake	10,000
Jack's Lake	30,000
Little Cedar Lake	10,000
Long Lake	10,000
Loon Lake (Chandos)	60,000
Mississauga Lake	30,000
Oak Lake	20,000
Sandy Lake	15,000
Trout Lake	30,000
Twin Lake	10,000
Wolf Lake	10,000

Great Lakes:

North Channel	2,654,000
Georgian Bay	960,000
Lake Huron	640,000
Lake Ontario	1,860,000

FINGERLINGS

Algoma:

Achigan Lake	10,000
Axe Lake	5,000
Bass Lake	25,000
Basswood Lake	42,500
Bevins Lake	10,000
Big Clear Lake	10,000
Bull Lake	4,000
Burn Lake	5,000
Canoe Lake	1,000
Caribou Lake	5,000
Carry Lake	3,000
Chiblow Lake	30,000
Clear Lake (Scarfe)	5,000
Clear Lake (188)	5,000
Cobri Lake	5,000
Coffee Lake	7,000
Cummings Lake	15,000
Deep Lake	5,000
Diamond Lake	5,000
Goetz Lake	5,000
Grey Trout Lake	10,000
Hawk Lake	10,000
Hobon Lake	10,000
Howard Lake	10,000
Jobammeghia Lake	3,000
Lake of the Mountains	5,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

LAKE TROUT—Continued

Algoma—Continued

Little Chiblow Lake	5,000
Little Pickerel Lake	5,000
Long Lake	15,000
Loon Lake	5,000
Madawonsing Lake	4,000
Matinenda Lake	22,500
Miller Lake	4,000
Moon Lake	7,000
Patton Lake	5,000
Rackey Lake	5,000
Rand Lake	10,000
Ranger Lake	25,000
Raw Hide Lake	35,000
Red Deer Lake	10,000
Robertson Lake	10,000
Sand Lake	10,000
Saymo Lake	15,000
Spruce Lake	10,000
Tookenay Lake	50,000
Trout Lake (Aweres)	5,000
Trout Lake (24-R-62)	10,000
Upper Island Lake	5,000
Wakomata Lake	25,000
White Lake	10,000

Bruce:

Gillies Lake	15,000

Cochrane:

Bigwater Lake	5,000
Bobs Lake	5,000
Mary Lake	5,000
Nellie Lake	10,000
Perry Lake	6,000
Remi Lake	20,000
Three Nation Lake	5,000
Watabeag Lake	10,000

Haliburton:

Big Bear Lake	10,000
Big Bob Lake	5,000
Boskung Lake	15,000
Bow Lake	5,000
Clear Lake	5,000
Crozier Lake	5,000
Dack's Lake	5,000
Deer Lake	10,000
Farquhar Lake	10,000
Gull Lake	10,000
Haliburton Lake	5,000
Hall's Lake	5,000
Hardwood Lake	5,000
Hollow Lake	35,000
Horseshoe Lake	10,000
Kashagawigamog Lake	15,000
Kimball Lake	5,000
Leaf Lake	5,000
Little Bear Lake	5,000
Little Boskung Lake	5,000
Little Hawk Lake	5,000
Maple Lake	10,000
Moore Lake	5,000
Oblong Lake	5,000
Pine Lake	10,000
St. Nora's Lake	5,000
Stocking Lake	5,000
Stormy Lake	8,000
Twelve Mile Lake	5,000
White Trout Lake	5,000
Wolf Lake	7,000

Kenora:

Blue Lake	25,000
Canyon Lake	30,000
Cedar Bough Lake	5,000
Clearwater Bay (Lake of the Woods)	50,000
Cul de Sac Lake	60,000
Dogtooth Lake	30,000
Dryberry Lake	30,000
Eagle Lake	45,000
Granite Lake	10,000
Lake of Two Mountains	15,000
Little Vermilion Lake	15,000
Mameigwess Lake	11,700
Sturgeon Lake	30,000
Thunder Lake	20,000
Trout Lake	30,000
Vermilion Bay	25,000
Whitefish Bay (Lake of the Woods)	40,000

Manitoulin:

Mantiowaning Bay	12,000
West Bay	12,000

Muskoka:

Bella Lake	5,000
Big Twin Lake	1,000
Clear Lake (Ridout)	10,000
Fairy Lake	5,000
Fox Lake	5,000
Lake of Bays	47,000
Lake Joseph	15,000
Lake Muskoka	25,000
Lake Rosseau	35,000
Long Lake (Cardwell)	5,000
Long Lake (Chaffey)	1,000
Long Lake (Oakley)	5,000
Loon Lake (Sinclair)	5,000
Oxtongue Lake	5,000
Paint Lake	10,000
Peninsula Lake	5,000
Pine Lake	10,000
Rebecca Lake	10,000
Skeleton Lake	20,000
Solitaire Lake	4,000
Stoney Lake	5,000
Surprise Lake	5,000
Vernon Lake	10,000

Nipissing:

Ababika Lake	10,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

LAKE TROUT—Continued

Nipissing—Continued

Bear Lake	5,000
Carney Lake	5,000
Cedar Lake	5,000
Cross Lake	5,000
Diamond Lake	4,000
Dotty Lake	12,000
Fatty Lake	12,000
Herridge Lake	5,000
Jumping Caribou Lake	2,000
Kaibuskong Lake	1,000
Lake Timagami	10,000
Martin Lake	5,000
Moore Lake	5,000
Net Lake	5,000
Noble Lake	5,000
Rib Lake	5,000
Spring Lake	1,000
Talon Lake	5,000
Tomiko Lake	5,000
Wikstead Lake	5,000

Parry Sound:

Bella Lake	15,000
Big Loon Lake	5,000
Clear Lake	5,000
Eagle Lake	5,000
High Lake	5,000
Horseshoe Lake	5,000
Hughes Lake	5,000
Lake Joseph	10,000
Lake Rosseau	45,000
Little Lake Joseph	5,000
Lorimer Lake	25,000
Memesagamesi Lake	5,000
Otter Lake	10,000
Rankin Lake	5,000
Ruth Lake	5,000
Salmon Lake	5,000
Sand Lake	10,000
Spring Lake	5,000
Sucker Lake	5,000
Tea Lake	5,000
Three-legged Lake	10,000
Trout Lake	15,000
Twenty-eight Lake	5,000

Rainy River:

Ash Bay (Rainy Lake)	50,000
Bad Vermilion Lake	50,000
Burnt Lake	50,000
Height of Land Lake	30,000
Kakagi Lake	40,000
Loon Lake	15,000
Narrow Lake	70,000
Pipestone Lake	50,000
Rainy Lake	3,900
Steeprock Lake	60,000

Renfrew:

Bark Lake	20,000
Bergeron Lake	5,000
Blackfish Bay	10,000
Center Lake	10,000
Clear Lake	55,000
Cross Lake	15,000
Diamond Lake	10,000
Gun Lake	10,000
Long Lake (Radcliffe)	10,000
Pough Lake	15,000
Round Lake (Hagarty)	10,000
Round Lake (Lyell)	15,000
Round Lake (Richards)	10,000
Tea Lake	20,000
Trout Lake	5,000
Wadsworth Lake	10,000
Young Lake	10,000

Simcoe:

Kempenfeldt Bay	35,000
Lake Simcoe	20,000

Sudbury:

Baby Lake	5,000
Black Lake	10,000
Cranberry Lake	5,000
Ella Lake	5,000
Hunter Lake	5,000
Lake Penage	10,000
Lamothe Lake	3,000
Long Lake (Broder)	5,000
Long Lake (Harrow)	4,000
Mesomikenda Lake	16,000
Nelson Lake	3,000
Nepiwasy Lake	15,000
Racine Lake	10,000
Trout Lake (Cosby)	5,000
Trout Lake (McKim)	5,000
Wanapitei Lake	8,000
Windermere Lake	5,000
Windy Lake	5,000

Thunder Bay:

Sturgeon River	20,000

Timiskaming:

Anima Nipissing Lake	20,000
Beauty Lake	5,000
Crystal Lake	10,000
Justine Lake	5,000
Lady Evelyn Lake	20,000
Lake Timagami	100,000
Larder Lake	15,000
Long Lake	5,000
Matachewan Lake	5,000
McLeod Lake	500
Net Lake	5,000
Pine Lake	5,000
Trout Lake	5,000
Twin Lakes	5,000
Wendigo Lake	3,000

Great Lakes:

Lake Superior	1,060,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

LAKE TROUT—Continued

Great Lakes—Continued	
North Channel	85,000
Georgian Bay	50,000
Lake Huron	3,111,000

RAINBOW TROUT

FINGERLINGS

Algoma:	
Basswood Lake	15,000
Batchawana River	7,000
Big Garden River	8,000
Clear Lake	4,000
Deer Lake	2,000
Huston Lake	5,000
Jobammeghia Lake	20,000
Keegos Lake	30,000
Loon Lake	10,000
Mississauga River	30,000
Montreal River	46,200
North Lake	10,000
Rainbow Lake	20,000
Serpent River	8,000
Snowshoe Creek	10,000
Thessalon River	30,000
West Lake	15,000
Norfolk:	
Unnamed Streams	220
Sudbury:	
Rapid River	10,000
Sandcherry Creek	10,000
Windermere Lake	8,000

YEARLINGS

Bruce:	
Sauble River	1,200
Dufferin:	
Nottawasaga River	3,000
Pine River	1,500
Elgin:	
St. Thomas City Reservoir	500
Grey:	
Sydenham River	1,200
Haliburton:	
Burnt Lake	1,200
Peel:	
Ponds (Caledon Township)	1,000
Simcoe:	
Kempenfeldt Bay	3,000
Sturgeon River	2,200
Wellington:	
Saugeen River	1,200
York:	
Humber River	1,200
Miscellaneous:	
Sales—Demonstration and propagation purposes	2,524

KAMLOOPS TROUT

YEARLINGS

Bruce:	
Gillies Lake	4,000
Grey:	
Bass Lake	4,500
Muskoka:	
Echo Lake	5,000
Red Chalk Lake	4,000
Rill Lake	4,000
Waseosa Lake	2,500
Parry Sound:	
Bernard Lake	2,000
Poole Lake	500

ATLANTIC SALMON

FINGERLINGS

Algoma:	
Ranger Lake	9,935
Durham:	
Wilmot Creek	2,500
Frontenac:	
Big Clear Lake	5,000
Simcoe:	
Kempenfeldt Bay	13,950
Sudbury:	
Lake Penage	15,000

SPECKLED TROUT

FINGERLINGS

Algoma:	
Achigan Creek	7,000
Alona Bay Creek	7,000
Boundary Lake	14,000
Brown's Creek	2,500
Harmony Creek	3,500
Kashawong Creek	7,000
Lake One	2,500
Lake Two	2,500

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

SPECKLED TROUT—Continued

Algoma—Continued

Leslie Lake	7,000
Little White River	14,000
Loon Lake (Deroche)	7,000
McCrea Creek	3,500
Mica Bay Creek	7,000
Pancake River	7,000
Richards Creek	3,500
Two Tree River	3,500
Williams Creek	7,000
Woods Creek	7,000

Durham:

Beatty Creek	7,500
Carscadden Creek	10,500
Muldrews Creek	9,500
Quantreuil Creek	7,500
Roy Mercer Creek	9,500
Trews Creek	7,500

Grey:

Boyd Lake	20,000
Christie Creek	5,000
Copps Lake	20,000
Cotter Creek	7,000
Craig Creek	7,000
Deer Creek	5,000
Eel Creek	10,000
Harrison Lake	20,000
Kreig Lake	8,000
Louisa Creek	5,000
Louisa Lake	35,000
Murray Creek	6,000
Pine Lake	20,000

Nipissing:

Balsam Creek	7,500
Doran's Creek	7,500
Duschene Creek	6,150
North River	7,500

Northumberland:

Big Creek	15,000
Burnley Creek	46,000
Dartford Creek	25,000
Dawson Creek	36,000
DeLong Creek	26,000
Heffernan Creek	10,000
Hortop-Prentice Stream	10,000
Little Cole Creek	15,000
Mills Creek	3,000
O'Grady Creek	20,000
Quinn Creek	6,000
Robin Creek	3,500
Sandy Flats Creek	20,525
Valleau Creek	5,000
West's Creek	5,000

Thunder Bay:

Hensis Lake	2,000

Miscellaneous:

Sales—Demonstration and propagation purposes	2,200

YEARLINGS

Algoma:

Achigan Lake	4,800
Agawa River	9,600
Alva Lake	1,600
Anjigami Creek	1,600
Aubinadong Bay	3,000
Aubinadong Lake	1,500
Ausburn Lake	1,200
Baker Lake	3,200
Batchawana River	19,200
Beaver Lake (Parkinson)	600
Beaver Lake (#2 Tp.)	1,600
Black Lake	1,200
Blue Lake	1,400
Blueberry Lake	1,200
Boyles Creek	1,200
Bridge Lake	1,500
Bulgers Lake	2,400
Bull Lake	1,000
Burns Lake	3,000
Burrough Lake	2,400
Caldwell Lake	800
Camp 2 Lake	2,400
Camp 8 River	3,200
Camp 23 Lake	2,000
Canoe Lake	1,200
Caribou Lake	2,500
Carpenter Lake	4,800
Cedar Creek	2,400
Chiblow River	1,600
Chippewa Creek	31,600
Clear Lake	1,800
Copp Lake	3,200
Cotton Creek	1,000
Crystal Lake	600
Cummings Lake	600
Darriel Lake	1,600
Deer Lake	1,500
Devils Lake	1,200
Dougal Lake	4,800
Driving Creek	3,000
Dunns Creek	3,000
Echo Lake (Grasett)	2,400
Echo Lake (R. 62)	1,350
Eleven Mile Creek	2,400
Elizabeth Lake	1,200
Fern Lake	4,800
Fish Lake	2,300
Foot Lake	1,600
Grassy Lake	1,200
Hamburg Creek	1,600
Harmony Creek	2,700
Harris Creek	800
Hawk Lake	2,400
Hayden Lake	2,400
Herman Lake	4,800
Hidden Portage Lake	4,800

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

SPECKLED TROUT—Continued

Algoma—Continued

High Bank Lake	1,400
Hoath Lake	1,600
Hobon Lake	4,800
Horn Lake	1,600
Horseshoe Lake (1 C.)	1,200
Horseshoe Lake (R. 62)	1,350
Hubert Lake	4,800
Island Lake (McMahon)	3,200
Island Lake (R. 176)	3,000
Jewel Lake	1,600
Jimmie Lake	3,200
Jobammeghia Lake	4,800
Karkowan Creek	1,200
Kendogami River	7,200
Lafoe Creek	2,400
Lake One	500
Little Thessalon River	2,400
Little White River	2,400
Lonely Lake	1,200
Long Lake (McDonald)	1,200
Long Lake (R. 168)	1,200
Loon Lake (Near Thessalon)	3,200
Loon Lake (24 R. 13)	1,600
Loon Lake (R. 62)	1,250
Loonskin Lake	4,000
Lower Pine Lake	2,500
Mader Lake	2,400
Mashagama Lake	2,400
Matinenda Lake	1,800
Maude Lake	1,200
Maunshe Megoose Lake	3,200
McCormick Lake	2,400
McKinnon Creek	3,000
McVeigh Creek	2,400
Merchants Lake	2,500
Michipicoten River	9,600
Mile 58 Lake	1,200
Mileage 48 Lake	300
Mongoose Lake	4,800
Montreal River	2,400
Moores Lake	2,400
Moose Lake (Wells)	1,000
Moose Lake (25 R. 13)	4,800
Mountain Lake (Aberdeen)	1,600
Mountain Lake (Gould)	1,600
Mud Lake	1,600
Newcomb Lake	3,750
Odowbi Lake	1,600
Osborne Creek	4,800
Pine Lake (25 R. 13)	1,600
Pinkney Lake	2,400
Pond Lake	1,200
Prospect Lake	3,200
Rand Lake	1,600
Ranger Lake	500
Rapid River	2,400
Reception Lake	2,400
Red Deer Lake	1,000
Red Rock Lake	1,200
Reed's Creek	1,200
Reserve Lake	1,500
Robertson Lake	3,200
Rock Lake (Aweres)	2,000
Rock Lake (Wells)	1,200
Rock Lake (168)	1,200
Root River	600
Rose Marie Lake	2,400
Round Lake (Grasett)	1,200
Round Lake (Whitman)	2,400
Round Lake (1 A.)	1,600
Sand Lake Creek	4,800
Sand River	2,400
Sauble Lake	4,000
Sausabic Lake	1,200
Saymo Lake	4,500
Scarbo Lake	1,200
Sharp Sand River	2,400
Shumka Lake	1,200
Snowshow Creek (188)	1,600
Speckled Trout Creek	2,400
Speckled Trout Lake (1 A.)	4,800
Speckled Trout Lake (28-R-14)	3,200
Speckled Trout Lake (176)	1,500
Spring Creek	1,600
Spring Lake (1 F.)	1,500
Spruce Lake	4,800
Stokely Creek	5,400
Tamarack Lake	2,400
Tawabinasay Lake	4,800
Tea Lake (near Thessalon)	3,200
Tea Lake (1 A.)	800
Thessalon River	4,800
Tookenay Lake	2,500
Triple Lake	1,600
Trout Lake (Aweres)	1,200
Trout Lake (25 R. 14)	2,400
Trout Lake Inlet	100
Twin Lakes (Deroche)	1,200
Twin Lakes (1 B.)	2,000
Twin Lakes (176)	3,000
Two Dollar Lake	800
Upper Pine Lake	3,300
Upper Silver Creek	500
Wallace Lake	800
Wawa Lake	4,800
Wartz Lake	4,800
White Creek	1,700
White River (2 A.-1 B.)	4,000
White River (176)	3,000
Wolf Lake	900
Wonashin Lake	2,400
Woods Creek	1,500

Brant:

Mill Pond	500
Scotland Creek	500

Bruce:

Angle Creek	900
Crowes Creek	900
Falconer's Creek	200
Formosa Pond	100

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

SPECKLED TROUT—Continued

Bruce—Continued

Judge's Creek	2,700
Mullin's Pond	1,200
Nine Mile Creek	1,400
Silver Creek	3,000
Spring Creek (Avon)	100
Spring Creek (Carrick)	1,500
Vogt's Creek	600

Cochrane:

Bobs Lake	500
Bristol Creek	2,000
Croft Creek	1,000
Crooked Creek	1,000
Dandurant Creek	1,000
Elesco Lake	500
Fakey Lake	500
Fulham Creek	1,000
Grassy River	1,000
Groves Lake	500
Halfway Creek	1,000
Hersey Lake	500
Hooker Creek	1,000
Horseshoe Lake	1,000
Jacob Creek	500
Jean Lake	500
Lake of Bays	1,000
Legare Creek	2,000
Liniment Lake	1,000
Little Paradise Creek	1,000
MacDonald Lake	1,000
Mountjoy Creek	2,000
Munro Lake	1,000
Nellie Lake	1,000
Red Sucker River	1,000
Round Lake	500
Rowley Creek	1,000
Smallspot Creek	500
Watabeag Lake	1,000
Water Hen Creek	2,000
Waterworks Creek	1,000
Unnamed Lake (Mountjoy)	500
Unnamed Lake (Tisdale Tp.)	1,000

Dufferin:

Credit River	5,600
McAllister's Spring Creek	400
Nottawasaga River	7,200
Power House Stream	300

Durham:

Cameron Creek	3,000
DeLong Stream	600
Garden Hill Creek	1,000
Lang Creek	600
Luxton Creek	1,000
McGill Creek	1,200
McLaughlin Creek	2,300
Mercer Creek	2,100
Miller Creek	650
Orono Creek	1,200
Robbin Creek	1,200
Smith Creek	1,000
Sowden Creek	600
Sowper Stream	600
Squirrel Creek	2,800
Thompson Creek	600
Tyrone Creek	2,550
Unnamed streams in Manvers and Darlington townships	4,850
Virtues Creek	800

Frontenac:

Black Creek	1,200
Camp Lake	800
Chambers Lake	3,200
Grindstone Lake	1,600
Little Mississippi Creek	2,400
Lucky Lake	1,600
Mackie Lake	1,600
McCausland Lake	9,600
Reid Lake	1,600
Rock Lake	2,600
Sand Lake	1,600
Schooner Lake	2,400
Sharbot Creek	3,000
Star Lake	2,400
Trout Lake	3,200
Unnamed lakes in Miller township	1,000

Grey:

Bass Lake	1,000
Beatty Saugeen River	3,600
Beaver River	10,000
Bell Lake	7,200
Big Head River	7,200
Black's Beach	1,000
Black Creek	1,800
Boyd Lake	3,600
Boyne River	3,600
Camp Creek	1,800
Caseman Creek	1,800
Christie Creek	600
Christie Lake	3,600
Colter Creek	600
Comber Creek	1,800
Craig Creek	300
Cullen Lake	400
Deer Creek	3,600
Eel Creek	1,800
Ferguson Creek	450
Firth Creek	2,000
Gleason Creek	2,700
Harbottle Creek	650
Hayward Falls	500
Hydro Creek	8,400
Lamont Creek	1,000
Lawrence Creek	450
Louise Creek	600
Lueck's Mill Pond	1,800
MacLean's Lake	500
Manx River	1,800
McConnell Creek	1,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

SPECKLED TROUT—Continued

Grey—Continued

McGowan Dam	1,800
Meino Stream	1,800
Mitchell Pond	500
Munshaw Lake	400
Murray Creek	300
North Louise Lake	200
Nuhn Pond	400
Oxenden Creek	2,400
Priddle Spring Creek	1,800
Rocky Saugeen River	13,800
Saugeen River	15,000
Spey River	1,800
Spring Creek	1,000
Styx River	1,800
Sydenham River	20,800
Tannery Creek	1,000
Williams Lake	3,400
Youngs Lake	2,200

Haliburton:

Bear Creek	1,200
Blue Lake	600
Burnt River	1,800
Clear Lake	3,600
Cranberry Lake	600
Crozier Lake	2,400
Drag River	1,200
Eagle Lake River	600
East Lake	3,600
Fletcher Lake	3,000
Fraser Lake	500
Glidden Creek	600
Gun Lake	1,200
Harvey Lake	600
Hawk River	1,800
Holland Creek	1,200
Hollow Lake	3,600
Hollow River	1,200
Jean Lake	1,200
Kawagama Lake	7,200
Kimball Lake	1,200
McCue Creek	1,800
McKenzie Lake	500
Millichamp Lake	1,200
Mountain Lake tributaries	1,200
Oblong River	1,200
Otter Lake	1,200
Oxtongue Lake	2,400
Penn Lake	2,000
Pine Lake	3,600
Raven Lake	1,800
Redstone River	2,400
Round Lake	1,800
Slipper Lake	600
Stormy Creek	600
Twin Lakes	600

Hastings:

Baptiste Lake	8,800
Barrager Lake	2,000
Bartlett Creek	1,200
Bob Whyte Lake	800
Brett Lake	2,400
Buck Lake	1,600
Byers Lake	1,600
Cannon Lake	2,800
Canoe Lake	1,600
Cockburn Creek	1,600
Deer River	8,000
Devil Lake	1,600
Diamond Lake	8,000
Douglas Creek	4,800
Echo Lake	1,000
Egan Creek	7,600
Fraser Creek	1,600
Fraser Lake	1,600
Geen Creek	1,200
Goudy Creek	4,800
Green Lake	3,000
Hineses Lake	1,600
Jardison Lake	1,200
Little Lighthouse Lake	1,200
Little Mississippi River	4,800
Long Lake (Bangor)	3,000
Long Lake (Hershel)	800
Mud Lake	1,200
Mud Turtle Lake	1,600
Oxbow Lake	2,000
Papineau Creek	3,000
Potter Lake	1,600
Rainy Lake	1,500
Rawdon Creek	4,600
Roses Lake	1,000
Shire Creek	6,800
Silent Lake	6,000
Silver Lake	2,400
Squire Creek	4,800
Stoney Lake	2,400
Tea Lake	800
Vaders Lake	1,600
Williams Lake	2,000
Yates Lake	1,000

Huron:

Armstrong Drain Creek	350
Belgrave Creek	1,800
Bolt Drain Creek	200
Maitland River	900
Middleton Creek	1,200
Murray Creek	1,500
Shedden Creek	300
Spring Creek	200
Unnamed streams in Wawanosh and Turnberry townships	1,150
Young Creek	200

Kenora:

Cedar Bough Lake	2,500
Dryberry River	2,000
Little Vermilion Lake	4,500
Silver Lake	2,500

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

SPECKLED TROUT—Continued

Lanark:	
Bottle Lake	500
Craig Creek	750
Green Lake Creek	750
Long Sue Creek	1,500
Paul Creek	3,200
Leeds:	
Camden Lake	600
Lennox-Addington:	
Bear Creek	1,000
Beaver Creek	4,800
Brown Lake	3,600
Buckshot Creek	2,400
Burns Lake	2,400
Conner Lake	2,400
Copeland Lake	2,400
Dafoe Lake	2,400
East Lake	2,400
Feeny's Lake	1,000
Flake Lake	800
Green Lake	5,400
Hyde Creek	3,200
Kilborn Lake	1,600
King Lake	4,800
Leather-root Lake	800
Long Lake (Abinger)	600
Long Lake (Ashby)	2,400
Long Lake (Effingham)	1,200
MacKenzie Lake	1,200
Mallory Lake	1,600
Ratten Lake	4,800
Rock Lake (Abinger)	1,600
Rock Lake (Denbigh)	800
Rock Lake (Effingham)	2,400
Roses Lake	800
Shiner Creek	1,200
Smith Lake	2,400
Snake Creek	3,000
Thirty Island Lake	2,400
Twin Lakes	600
White Lake	4,800
Manitoulin:	
Badgerow Creek	6,000
Barr Creek	3,000
Blue Jay Creek	25,000
Bonnie Doone Creek	2,000
Eighteen Lake	2,000
Hare Creek	1,000
Kagawong River	1,000
Manitou River	25,000
Mindemoya River	20,000
Norton Creek	7,000
Silver Creek	6,000
Spring Bay Creek	9,000
Srigley Creek	5,000
Muskoka:	
Axe Creek	3,600
Beaver Creek	3,600
Bella Lake	7,200
Big East Lake	3,600
Big East River	32,600
Bird Lake	3,600
Black River	7,200
Buck Lake and tributaries	7,200
Clear Lake (Oakley)	2,400
Clear Lake (Ridout)	3,200
Clear Lake (Sinclair)	2,400
Coopers Lake	3,600
Daley Creek	1,800
Deep Lake	1,800
Dog Lake	1,800
Dotty Lake	1,800
Eastails Lake	1,200
Echo Lake	13,200
Fairy Lake and tributaries	13,200
Fox Lake and tributaries	10,000
Fraser Lake	800
Gull Lake	3,200
Heck Lake	3,600
Helva Lake	1,800
Island Lake	1,600
Jessops Creek	1,800
Lake of Bays	9,000
Little East River	23,200
Long Lake (Cardwell)	2,400
Long Lake (Chaffey)	1,800
Long Lake (Ridout)	1,600
Loon Lake	3,600
Loon Lake Creek	3,600
Loon Lake Outlet	1,800
Martin Lake	2,400
Mud Lake	1,800
Muskoka River	26,400
Muskoka River Bay	3,200
Penfold Lake and tributaries	3,600
Peninsula Lake and tributaries	19,600
Pine Lake	2,400
Poverty Lake	1,800
Rat Lake	3,600
Rebecca Lake	7,200
Red Chalk Lake	6,000
Rill Lake	4,800
Rosseau Lake Bay	1,200
Shoe Lake	3,200
Skeleton Lake	6,200
Skeleton River	4,000
Solitaire Lake	3,600
Split Rock Lake	1,800
Spring Lake	2,400
Three Mile Lake Creek	800
Turtle Lake	3,600
Vernon Lake and tributaries	19,600
Waseosa Lake	3,600
Wolf Lake	2,400
Nipissing:	
Acanthus Lake	1,000
Baby Joe Lake	500
Beaver Lake	350
Big Balsam Lake	1,500

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

SPECKLED TROUT—Continued

Nipissing—Continued

Big Mink Lake	1,400
Big Spring Lake	3,500
Birch Lake	250
Blue Lake	1,500
Blueberry Lake	2,100
Bonanza Lake	250
Bonnechere River	1,000
Brock River	1,200
Broom Lake	1,000
Brule Lake	500
Buck Lake	500
Burnt Island Lake	2,000
Cache Lake	3,000
Camp Lake	1,200
Canisbay Lake	500
Canoe Lake (Peck)	2,000
Canoe Lake (Widdifield)	1,400
Carcajou Lake	500
Carney Lake	1,500
Cauchon Lake	850
Cedar Lake	1,000
Clear Lake (Boulter)	1,000
Clear Lake (Chambers)	1,000
Clear Lake (Gladman)	1,400
Clear Lake (Notman)	1,400
Clearwater Lake (Pentland)	1,000
Coon Lake	500
Crooked Lake	2,800
Cutler Lake	2,100
Daly Lake	500
Desrochers Lake	250
Devils Lake	1,000
Duchesne Creek	1,500
Eighty Acre Lake	1,500
Ethel Lake	2,100
Eva Lake	1,400
Finlayson Lake	3,500
Four Mile Creek	7,000
Fourney Lake	2,400
Galeairy Lake	2,000
Gauthier Lake	1,000
Gilmour Lake	1,000
Gooderham Lake	3,500
Grand Lake	1,000
Green Lake	500
Head Lake	500
Jacks Lake	250
James Creek	1,500
Jimmie Lake	1,200
Jocko River	7,500
Joe Lake	1,000
Kioshkoqui Lake	1,000
Koko Lake	7,750
L'Amable Creek	500
Latrey Lake	3,500
Laveille Creek	500
Little Island Lake	1,000
Little Madawaska Lake	500
Little McAuley Lake	500
Little Mink Lake	1,400
Little Otter Lake	1,400
Little Trout Lake	250
Long Lake	2,000
Long Spur Lake	250
Madawaska River	500
Magee Creek	1,200
McIntosh Lake	1,500
Moon Lake	3,000
Moose Lake	1,000
Mosquito Creek	3,000
Mountain Lake	1,000
Muskosung Lake Stream	100
Noble Creek	350
North Lake	750
North River	6,507
Opeongo Lake	3,000
Opinicon Creek	3,500
Oxtongue River	3,000
Petawawa River	500
Price Lake	3,500
Ravineau Lake	500
Robitaille Lake	500
Round Lake	500
St. Andrew Lake	1,000
Shanty Lake	1,000
Shirley Lake	500
Snake Lake	2,000
Source Lake	1,000
South Tea Lake	1,000
Speckled Trout Lake	500
Spring Lake (Gooderham)	2,100
Spring Lake (Sisk)	3,000
Sproule Lake	250
Stoney Creek	1,400
Sundash Lake	250
Sunday Lake	250
Tanamakoon Lake	1,000
Trout Lake (Parkman)	2,700
Turtle Lake	1,000
Twenty Minute Lake	5,100
Two Rivers Lake	2,000
Unnamed Lake (Niven)	250
Unnamed Lake (White)	250
Welcome Lake	1,000
Whitefish Lake	1,000

Norfolk:

Kent Creek	1,200
Mineral Creek	500
Trout Creek	600

Northumberland:

Baltimore Creek	4,900
Burnley Creek	2,400
Cavan Stream	8,600
Chidley Creek	1,300
Dartford Creek	1,600
Dawson Creek	3,000
DeLong Creek	800
Duncan Creek	800
Lakeport Creek	1,500
Mill Creek	800
Mount Pleasant Stream	4,200
O'Grady Creek	2,400

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

SPECKLED TROUT—Continued

Northumberland—Continued

Pegman Creek	3,400
Quinn Creek	1,600
Robin Creek	800
Sandy Flats Creek	1,600
Valleau Creek	800

Ontario:

Bickle Creek	1,500
Black Creek	600
Elgin Park Pond	600
McLean Creek	1,000
Thompson's Spring Creek	2,000

Parry Sound:

Barrett Creek	3,000
Barton Creek	2,800
Bernard Lake	2,800
Big Clam Lake	1,000
Big Loon Lake	1,500
Black Creek (Guid)	1,000
Black Creek (Strong)	1,400
Black Lake	3,600
Bradford Creek	1,000
Cacheman Creek	1,500
Cheer Lake	1,400
Clear Lake (Armour)	900
Clear Lake (Laurier)	1,000
Clear Lake (Perry)	1,000
Clear Lake Creek	500
Crozier Lake	1,000
Cummings Lake	1,000
Darlington Lake	1,000
Deer Lake	1,250
Deer Lake Creek	500
Depot Creek	1,400
Distress River	2,800
Eagle Lake	2,800
East Creek	1,200
Edgecombe Creek	1,400
Fagan Creek	1,300
Fisher Lake	1,500
Fleming Lake	1,400
Forest Lake	1,400
Forsythe Lake	500
Franks Lake	500
Genesee Lake	3,000
Gull Lake	2,100
Ham Lake	2,800
Hammel Creek	500
Happy Lake Creek	1,200
Horn Lake	1,000
Island Lake Creek	1,000
Jack's Lake Creek	1,000
James Creek	2,000
Jordon Creek	2,000
Little Lake	500
Little Pickerel Lake	2,500
Long Lake (Perry)	5,800
Lynx Lake	1,000
Madill Creek	500
Maganetawan River	14,100
McCullough Creek	2,800
McQuoid Lake	1,000
Otter Lake	1,400
Owl Lake	500
Paisley Lake	1,400
Poole Lake	1,400
Ragged Creek	1,500
Rat Lake	1,250
Rock Lake	1,200
Round Lake	500
Roussell Creek	800
Sand Lake (Ballantyne)	700
Sand Lake (Proudfoot)	1,500
Seguin River	1,500
Shadow River	1,200
Shells Lake	500
Smith Creek	2,800
Stewart Creek	1,000
Stirling River	2,400
Surprise Lake	2,500
Tee Lake Creek	500
Three Mile Creek	500
Three Mile Lake	1,900
Williams Lake	1,500

Peel:

Credit River	6,200
Smith Creek	1,200
Watson Creek	1,200

Perth:

Avon River	1,500
Fullerton Creek	500
McKnight Stream	1,500

Peterborough:

Archer Creek	200
Big Ouse River	8,400
Birdsall Creek	3,200
Buchanan Creek	3,200
Carvers Creek	2,800
Cavan Stream	8,000
Deer Bay Creek	3,200
Deer River	1,200
Dunbar Creek	1,600
Eel Creek	8,600
Harding's Creek	800
Jack's Creek	3,200
Little Ouse River	5,400
Millbrook Stream	1,000
Mississauga River	6,400
Mount Pleasant Stream	3,200
Plateau Creek	8,250
Sophies Creek	1,000

Renfrew:

Angling Lake	800
Annie Lake	1,500
Barry Lake	800
Battery Lake	500
Bear Lake	2,500
Belanger Lake	800

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

SPECKLED TROUT—Continued

Renfrew—Continued

Bergeron Lake	1,000
Big Round Lake	1,000
Bissett Creek	3,000
Black Lake	2,000
Black Donald Lake	1,000
Brennan Creek	1,000
Burns Lake	3,000
Byers Creek	3,000
Clarkes Creek	1,000
Cochrane Creek	4,200
Colton Creek (Admaston)	500
Colton Lake	3,500
Constant Creek	1,500
Costello Creek	1,000
Coulton Creek (Matawatchan)	1,500
Cranberry Lake	1,000
Crooked Lake Creek	1,000
Cross Lake	3,000
Crotch Lake	1,000
Crozier Creek	3,500
Deer Lake	1,500
Deux Rivieres Creek	1,500
Devils Lake Creek	1,000
Diamond Lake Creek	1,000
Dodge Lake	500
Dominic Lake	2,000
Elmer Lake	800
Finley Creek	1,000
Gardez Pieds Creek	1,000
Geen Lake	1,000
Grant Creek	1,250
Greenan Lake	1,500
Hamwolds Creek	1,000
Hart Lake	1,000
Harvey Creek	1,000
Helmers Lake	1,000
Heney Creek	1,250
Hughey Lake	1,000
Indian River	4,000
Jerry Lake	500
Josie Creek	1,000
Kelly Lake Creek	1,000
Leckie Creek	1,000
Little Madawaska River	3,000
Little Mason Lake	200
Little Spring Creek	250
Locksley Creek	1,000
Long Lake (Lyell)	2,000
Long Lake Creek (Griffith)	1,000
MacKay Creek	1,000
Mares Lake	500
McCool Lake	1,000
McDermid Creek	1,000
Nadeau Creek	500
Paugh Lake	3,000
Pichette Creek	500
Quadville Creek	1,000
Red Pine Lake	500
Rockingham Creek	3,000
Rocky Lake	2,500
Round Lake and Creek	1,300
Schaven Lake	500
School Creek	500
Scott Creek	1,000
Siroski Creek	1,200
Smith Creek	1,000
Snake Creek	1,000
Spring Creek	1,000
Stewart Creek	1,000
Sullivan Lake	1,200
Toohey Lake	1,500
Trout Lake (Head)	1,000
Trout Lake (Raglan)	1,000
Tucker Creek	1,200
Turner Creek	1,000
Twin Lakes	4,500
Unnamed Lakes (Vicinity of Griffith)	1,200
Wadsworth Creek	500
Wendigo Lake	3,000
White Lake Creek	250
Wylie Creek	4,000
Zielany Lake	1,500

Simcoe:

Black River	1,000
Boyne River	3,000
Colwell Creek	1,000
Hill Creek	1,000
Mathewson Creek	3,000
Willow Creek	1,500

Sudbury:

Austin Lake	3,000
Awry Creek	10,000
Bailey Creek	15,000
Bertrand Creek	7,500
Clear Lake	15,000
Clearwater Lake Creek	15,000
Cold Spring Creek	10,000
Coniston Creek	17,500
Crystal Lake	5,000
Devil Lake Creek	10,000
Dublin Creek	500
Ella Lake	7,500
Emery Creek	10,000
Fairbank Creek	10,000
Farm Lake	5,000
Fournier Creek	15,000
Fox Lake	1,250
Garson Creek	6,000
Geneva Creek	15,000
Goodwins Lake	4,500
Green Lake	10,000
Hunter Creek	1,000
Johns Creek	30,000
Johnston Creek	10,000
Junction Creek	7,500
Karl Creek	4,000
Landlocked Lake	1,250
McLanders Creek	15,000
McLeod Creek	7,500
Nelson River	8,000
Post Creek	4,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

SPECKLED TROUT—Continued

Sudbury—Continued

Poulin Creek	15,000
Pumphouse Creek	30,000
Rapid River	15,000
Rock Lake	2,000
Round Lake	500
Round Lake (Borden)	10,000
Sandcherry Creek	10,000
Sauble River	45,000
Second Lake	3,000
Shoal Lake Creek	1,000
Spring Creek	10,000
Sprout Creek	15,000
Storehouse Creek	2,000
Trout Lake	3,000
Trout Lake Creek	6,000
Unnamed Lake (Hoskin Tp.)	2,000
Unnamed Lake (Morgan)	17,500
Veuve River	30,000
Waddell Creek	7,500
Wanapitei Lake	10,000
Wavy Creek	10,000
West Lake	2,500
Windy Creek	20,000

Thunder Bay:

Ada Lake	1,000
Alt Lake	2,000
Anderson Lake	3,000
Anne Lake	1,000
Arnold Creek	3,000
Arrow River	4,000
Bass Creek	6,000
Bat Lake	5,000
Bear Lake	1,750
Bear Trap Lake	6,850
Beaver Dam Creek	4,800
Big Duck Lake	3,000
Billy Creek	4,500
Birch Grove Lake	1,500
Bishop Lake	1,500
Blend Creek	4,000
Bluff Lake	2,000
Brule Creek	10,000
Buckaday Lake	3,000
Cavern Creek	1,500
Cavern Lake	2,600
Cedar Creek	25,000
Charlotte Lake	4,800
Coldwater River	20,300
Corbett Creek	5,000
Cousineau Dam	5,000
Couture Lake	1,500
Current River	20,000
Dan's Lake	1,200
Dublin Lake Creek	500
Fall Lake	2,000
Fire Lake	2,000
Firesteel River	5,000
Florence Lake	1,500
Fraser Creek	6,000
Golden Gate Lake	1,000
Grassy Lake	4,000
Gravel River	13,200
Half Moon Lake	3,000
Hay Lake	2,500
Hazelwood Creek	7,000
Hogan Lake	2,000
Hornblende Lake	1,200
Indian Lake	1,000
Inwood Lake	1,250
Island Lake	3,000
Jackpine River	4,000
Jim's Lake	2,000
Kaministiquia Lake	5,000
Knobel Lake	5,100
Krumle Lake	5,800
Langley's Creek	2,000
Le Sarge Lake	2,000
Little Lake	1,200
Little Partridge Lake	2,400
Little Whitefish River	3,000
Loftquist Lake	15,000
Loon Lake	23,000
Lost Lake	2,400
Love Island Lake	1,200
Lower Pass Lake	6,000
Lukinto Lake	2,000
Lynx Lake	1,800
Maggot River	4,400
McIntyre Creek	7,000
McIntyre River	6,000
McKenzie River	4,000
McLean Creek	2,400
McVicar Creek	4,000
Mine Lake	4,200
Mink Lake	3,600
Mirror Lake	3,000
Moose Creek	2,000
Moose Lake	3,500
Mountain Lake	4,000
Neebing River	17,800
Nipigon River	55,600
Nishin Lake	9,650
Oliver Lake	7,000
One Isle Lake	1,000
Ozone Creek	4,750
Park Lake	4,000
Parsons Lake	2,900
Partridge Lake	4,900
Pass Lake	5,000
Peach Lake	4,200
Pearl River	15,000
Pitch Creek	18,400
Rainbow Lake	2,000
Range Lake	1,200
Reed Lake	2,000
Ring Lake	1,000
Ringer Lake	1,000
Rope Lake	4,000
Ross Lake	2,400
Selim River	2,000
Setting Duck Lake	3,000
Shoepack Lake	3,600
Silver Creek	2,000
Silver Islet Creek	2,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

SPECKLED TROUT—Continued

Thunder Bay—Continued

Spar Lake	2,000
Spring Creek (Dorion)	8,700
Spring Lake (Leduc)	7,000
Squaw Creek	4,000
Star Lake	2,000
Stillwater Creek	1,000
Strawberry Creek	7,000
Sturgeon River	2,000
Surprise Lake	4,000
Three Mile Lake	3,000
Tomlinson Lake	1,250
Trout Creek (Lyon)	4,000
Trout Creek (McTavish)	700
Trout Creek (Nipigon)	2,000
Trout Lake (Gorham, etc.)	26,000
Trout Lake (Stirling)	22,000
Tujack Lake	2,000
Twin Lakes	5,500
Uncle Tom's Lake	2,400
Unnamed Creek (Dorion)	1,000
Unnamed Lake (Eva)	2,000
Upper Pass Lake	6,000
Wabasta Lake	3,000
Walker Lake	8,150
Whitefish River	8,000
Whitewood Creek	13,600
Wideman Lake	3,000

Timiskaming:

Belle Isle Lake	1,200
Boston Creek	1,000
Butler Lake	1,000
Charlotte Lake	2,000
Crooked Creek	1,000
Crystal Lake (Bayly)	1,500
Crystal Lake (Lebel)	2,000
Emerald Lake	2,400
Fairy Lake	1,000
Gleason Creek	1,200
Graham Creek	1,500
Jean Baptiste Lake	1,000
Largreaves Lake	1,000
Latour Creek	1,200
Leacock Creek	1,000
Little Otter Lake	1,500
Loon Lake	1,200
Mearow Lake	1,000
Moffat Creek	1,000
Mousseau Lake	1,000
Pike Creek	1,200
St. Anthony Creek	1,000
Sink Hole Lake	500
Spring Creek	1,200
Spring Lake	3,000
Stock Lake	2,000
Twin Lakes	3,000
Wabi Creek	1,000
Wapoose Creek	500
Welcome Lake	1,000

Victoria:

Corbin Creek	200
Crego Creek	1,600
Union Creek	1,500

Waterloo:

Bamburg Stream	2,400
Elora Creek	2,000
Erbsville Creek	1,200
Mannheim Creek	600

Wellington:

Bell's Creek	900
Credit River	1,200
Mallot's Creek	500
O'Dwyer's Creek	300
Ospring Creek	600
Saugeen River	1,200
Stanley Park Stream	300

York:

Doan's Pond	300

Miscellaneous:

Sales—Demonstration and propagation purposes	13,207

ADULTS

Algoma:

Garden River	1,000
Heyden Lake	400
Lower Island Lake	350
Root River	4,650
Upper Island Lake	750

WHITEFISH FRY

Kenora:

Eagle Lake	1,000,000
Portage Bay	2,000,000
Separation Lake	500,000
Lake of the Woods	35,105,000

Manitoulin:

Lake Manitowaning	1,000,000

Prince Edward:

Bay of Quinte	89,000,000

Rainy River:

Rainy Lake	28,000,000

Simcoe:

Lake Simcoe	1,500,000

Thunder Bay:

Lake Nipigon	500,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1940, to March 31st, 1941—Continued

WHITEFISH FRY—Continued

Great Lakes:	
Lake Superior	15,750,000
North Channel	23,040,000
Georgian Bay	62,322,000
Lake Huron	43,460,000
Lake Erie	91,912,000
Lake Ontario	8,250,000

HERRING FRY

Frontenac:	
Brule Lake	300,000
Camp Lake	200,000
Haliburton:	
Drag Lake	250,000
Spruce Lake	250,000
Hastings:	
Salmon Lake	250,000
Weslemkoon Lake	350,000
Lanark:	
Dalhousie Lake	250,000
Leeds:	
Rideau Lake	750,000
Lennox-Addington:	
Little Weslemkoon Lake	100,000
Otter Lake	200,000
White Lake	100,000
Peterborough:	
Jack's Lake	250,000
Trout Lake	250,000
Prince Edward:	
Bay of Quinte	2,900,000
Simcoe:	
Nottawasaga Bay	7,750,000
Sudbury:	
Windy Lake	500,000
Great Lakes:	
North Channel	1,500,000
Georgian Bay	1,000,000
Lake Erie	29,650,000
Lake Ontario	2,250,000

APPENDIX No. 2

DISTRIBUTION OF FISH ACCORDING TO SPECIES—1936 TO 1940, INCLUSIVE

	1936	1937	1938	1939	1940
Large-mouthed Black Bass					
Fry	45,000	135,000	57,500	.....	230,000
Fingerlings	8,398	4,120	8,061	1,890	5,500
Yearlings & Adults	.....	92	.....	497	152
Small-mouthed Black Bass					
Fry	780,000	1,275,000	804,000	1,386,000	2,512,500
Fingerlings	69,380	141,900	169,800	226,325	449,154
Yearlings & Adults	5,202	5,893	7,738	7,739	1,671
Maskinonge					
Eyed Eggs	.....	.....	.....	120,000	.....
Fry	274,000	420,700	2,005,000	2,675,000	2,345,000
Fingerlings	.....	.....	.....	1,300	2,333
Perch—Fry	46,080,000	9,150,000	59,150,000	72,360,000	13,000,000
Pickerel (Yellow)					
Eyed Eggs	2,000,000	2,000,000	2,012,500	7,000,000	2,000,000
Fry	300,759,500	263,743,400	271,567,500	327,500,000	393,887,000
Adults	.....	.....	.....	.....	100
Pickerel (Blue)					
Fry	.....	1,000,000	500,000	.....	.....
Brown Trout					
Fingerlings	147,050	.....	.....	29,954	182,725
Yearlings	7,290	97,484	59,592*	375,070	252,000
Lake Trout					
Eyed Eggs	3,209,400	3,225,000	2,437,000	1,845,850	575,000
Fry	4,165,000	4,667,000	7,665,000	7,236,900	7,564,000
Fingerlings	18,253,244	15,782,350	10,575,200	9,964,400	7,312,100
Atlantic Salmon					
Fry	.....	7,200	.....	.....	.....
Fingerlings	.....	.....	.....	.....	46,385
Yearlings	.....	.....	4,800	.....	.....
Rainbow Trout					
Fingerlings	133,000	105,240	321,600	109,635	298,420
Yearlings	3,507	.....	6,727	23,145	19,724
Adults	.....	.....	.....	1,009	.....
Kamloops Trout					
Fingerlings	.....	80,000	25,821	105,000	.....
Yearlings	.....	.....	.....	.....	26,500
Speckled Trout					
Eyed Eggs	28,600	.....	1,000	.....	.....
Fry	182,000	.....	.....	.....	.....
Fingerlings	1,053,050	384,725	373,314	337,000	611,375
Yearlings	557,270	1,167,073	2,083,538	2,976,559	3,278,114
Adults	6,081	16,150	4,452	6,315	7,150
Whitefish					
Eyed Eggs	112,500	4,000,000	.....	.....	.....
Fry	428,402,000	383,683,900	323,700,500	326,657,000	403,339,000
Herring					
Eyed Eggs	.....	30,000	.....	.....	.....
Fry	56,120,000	5,270,000	49,725,000	38,550,000	49,050,000
Miscellaneous	.....	3,053	.....	41	.....
TOTALS	862,401,472	696,395,280	733,265,643	799,496,629	886,995,903

* Yearlings and adults

APPENDIX

GAME AND FISHERIES

Statistics of the Fishing Industry in the Public Waters o

EQUI

District	No. of Men	Tugs			Gasoline Launches		Sail and Row Boats		Gill Nets	
		No.	Tons	Value	No.	Value	No.	Value	Yards	Value
Northern Inland Waters	806	4	40	$ 10,500	147	$ 71,170	276	$ 8,843	566,120	$ 82,81
Lake Superior	398	10	318	54,400	109	43,735	53	3,735	987,964	108,19
North Channel	155	6	111	36,700	48	24,825	47	2,455	528,969	60,43
Georgian Bay	463	16	377	109,500	131	122,860	120	5,392	1,327,250	138,86
Lake Huron	328	15	482	115,400	100	75,040	27	1,377	1,487,200	188,63
Lake St. Clair	125	....	.....	.....	42	12,025	71	3,605	.....	.....
Lake Erie	933	41	965	285,300	170	193,435	130	11,415	2,134,951	281,38
Lake Ontario	574	....	.....	.....	206	107,420	115	4,050	1,250,380	116,36
Southern Inland Waters	238	....	.....	.....	10	2,107	82	2,783	.....	.....
Totals	4,020	92	2,293	$611,800	963	$652,617	921	$43,655	8,282,834	$976,68

APPENDIX

QUANTITIES O

District	Herring	Whitefish	Trout	Pike	Pickerel (Blue)	Pickerel (Dore)
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
Northern Inland Waters	13,781	1,339,237	163,702	963,885	2,971	1,556,60
Lake Superior	1,201,163	385,024	1,261,211	6,901	5,217	155,13
North Channel	3,480	118,847	354,058	66,166	.....	23,80
Georgian Bay	26,977	887,235	1,334,033	58,447	6	82,58
Lake Huron	148,968	92,403	1,038,776	783	277	214,27
Lake St. Clair	.....	645	.....	24,972	1,500	52,42
Lake Erie	585,062	3,136,556	21	29,642	2,012,345	426,29
Lake Ontario	1,618,219	403,596	187,400	64,309	96,067	4,27
Southern Inland Waters	135	5,074	24,870	1,129	.....	.....
Totals	3,597,785	6,368,617	4,364,071	1,216,234	2,118,383	2,515,38
Price per pound	.05	.11	.11	.06	.05	.1
Values	$179,889.25	$700,547.87	$480,047.81	$72,974.04	$105,919.15	$276,691.9

No. 3

DEPARTMENT, ONTARIO

the Province of Ontario, for the Year Ending December 31st, 1940.

MENT

Seine Nets			Pound Nets		Hoop Nets		Dip and Roll Nets		Night Lines		Spears		Freezers & Ice Houses		Piers and Wharves		Total Value
No.	Yards	Value	No.	Value	No.	Value	No.	Value	No. Hooks	Value	No.	Value	No.	Value	No.	Value	
..	.....	.....	45	$15,610	57	$1,825	3	$ 5	3,250	$505	....	.....	124	$34,010	114	$12,805	$237,890
..	.....	.....	46	15,250	.....	.....	....	.....	3	15	....	.....	51	15,450	45	10,755	251,534
..	.....	.....	52	19,400	.....	.....	....	.....	.....	.....	....	.....	35	8,000	30	11,075	162,885
7	1,200	$1,075	100	81,490	57	805	1	2	25,223	1,985	....	.....	57	16,900	56	31,656	510,525
..	.....	.....	105	65,200	.....	.....	....	.....	5,406	925	....	.....	66	29,925	25	7,738	484,235
42	6,150	3,420	105	10,340	4	600	2	4	3,300	198	....	.....	17	6,285	10	3,125	39,602
37	10,300	7,110	650	300,200	10	2,000	8	90	2,300	48	....	.....	113	151,935	82	31,500	1,264,416
7	570	545	.....	.....	391	9,925	17	83	2,100	102	....	.....	58	7,030	28	5,210	250,734
45	3,920	6,216	.....	.....	114	2,725	28	235	600	15	68	$525	10	700	4	335	15,641
38	22,140	$18,366	1,103	$507,490	633	$17,880	59	$419	42,182	$3,593	68	$525	531	$270,235	394	$114,199	$3,217,462

No. 4

FISH TAKEN

Sturgeon	Eels	Perch	Tullibee	Catfish	Carp	Mixed Coarse	Caviare	Total	Value
lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	
101,942	.....	22,504	172,666	6,220	5,506	381,821	3,203	4,734,040	$462,912.70
4,001	.....	900	240,352	.....	80	58,920	.....	3,318,905	276,721.99
3,752	.....	28,417	2,546	6	268	190,744	40	792,124	67,632.12
1,329	.....	2,363	102,478	4,192	59,137	100,001	8	2,658,792	271,378.58
4,762	.....	265,861	288,418	21,745	17,716	117,233	250	2,211,467	194,404.49
8,130	.....	35,101	.....	92,113	303,279	316,893	376	835,429	44,833.30
15,947	.....	1,993,542	437	129,375	297,573	1,140,237	970	9,767,998	690,052.23
7,280	32,956	117,650	.....	90,650	181,680	235,319	101	3,039,498	189,650.20
.....	1,722	5,144	.....	57,633	254,299	258,697	.....	608,703	28,832.57
147,143	34,678	2,471,482	806,897	401,934	1,119,538	2,799,865	4,948	27,966,956	.....
.40	.07	.05	.06	.08	.05	.03	1.00	.....	.....
$58,857.20	$2,427.46	$123,574.10	$48,413.82	$32,154.72	$55,976.90	$83,995.95	$4,948.00	.....	$2,226,418.18

APPENDIX No. 5

COMPARATIVE STATEMENT OF THE YIELD OF THE FISHERIES OF ONTARIO

Species	1939 Pounds	1940 Pounds	Increase Pounds	Decrease Pounds
Herring	5,322,226	3,597,785		1,724,441
Whitefish	6,366,973	6,368,617	1,644	.....
Trout	5,075,802	4,364,071		711,731
Pike	1,063,269	1,216,234	152,965	.....
Pickerel Blue	6,157,383	2,118,383		4,039,000
Pickerel Dore	2,389,635	2,515,381	125,746	.....
Sturgeon	215,062	147,143		67,919
Eels	27,329	34,678	7,349	.....
Perch	1,935,375	2,471,482	536,107	.....
Tullibee	547,865	806,897	259,032	.....
Catfish	379,681	401,934	22,253	.....
Carp	1,142,283	1,119,538		22,745
Mixed and Coarse	3,224,019	2,799,865		424,154
Caviare	3,387	4,948	1,561	.....
TOTALS	33,850,289	27,966,956		*5,883,333

* Net Decrease

APPENDIX No. 6

STATEMENT OF THE YIELD OF THE FISHERIES OF ONTARIO
1940

Species	Quantity Pounds	Price per Pound	Estimated Value
Herring	3,597,785	.05	$179,889.25
Whitefish	6,368,617	.11	700,547.87
Trout	4,364,071	.11	480,047.81
Pike	1,216,234	.06	72,974.04
Pickerel Blue	2,118,383	.05	105,919.15
Pickerel Dore	2,515,381	.11	276,691.91
Sturgeon	147,143	.40	58,857.20
Eels	34,678	.07	2,427.46
Perch	2,471,482	.05	123,574.10
Tullibee	806,897	.06	48,413.82
Catfish	401,934	.08	32,154.72
Carp	1,119,538	.05	55,976.90
Mixed and Coarse	2,799,865	.03	83,995.95
Caviare	4,948	1.00	4,948.00
TOTALS	27,966,956		$2,226,418.18

APPENDIX No. 7

ESTIMATED VALUE OF FISH TAKEN FROM THE WATERS OF THE PROVINCE
1921—1940 INCLUSIVE

1921	$2,656,775.82	1931	$2,442,703.55
1922	2,807,525.21	1932	2,286,573.50
1923	2,886,398.76	1933	2,186,083.74
1924	3,139,279.03	1934	2,316,965.50
1925	2,858,854.79	1935	2,633,512.90
1926	2,643,686.28	1936	2,614,748.49
1927	3,229,143.57	1937	2,644,163.49
1928	3,033,944.42	1938	2,573,640.97
1929	3,054,282.02	1939	2,564,516.37
1930	2,539,904.91	1940	2,226,418.18

The Twenty-Second Report

of the

Department of Labour

Province of Ontario

1941

Printed by Order of

THE LEGISLATIVE ASSEMBLY

Sessional Number 10 – 1941

ONTARIO

TORONTO

Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty, 1941

TO THE HONOURABLE

THE LIEUTENANT-GOVERNOR

OF THE PROVINCE OF ONTARIO

May It Please Your Honour:

The undersigned has the honour to present to Your Honour the Twenty-second Report of the Department of Labour of the Province of Ontario for the fiscal year ending March 31, 1941.

Respectfully submitted,

PETER HEENAN,

Minister of Labour.

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REPORT OF THE DEPUTY MINISTER OF LABOUR

For the Fiscal Year Ending March 31, 1941

TO THE HON. PETER HEENAN,
Minister of Labour.

SIR:

I have the honour to submit a report on the work of the Department of Labour of the Province of Ontario for the fiscal year ending March 31, 1941.

Included herein are the reports on the administration of the following Acts within the jurisdiction of the Minister of Labour;—Department of Labour Act, which authorizes the establishment of Employment Offices; Employment Agencies Act; Factory, Shop and Office Building Act; Operating Engineers Act; Steam Boiler Act; Industrial Standards Act; Apprenticeship Act and Minimum Wage Act, as well as reports on the Conciliation Service of the Department of Labour and on Youth Training and War Emergency Training carried on under the Dominion-Provincial Training Programme. The report of the administration of the Workmen's Compensation Act will be submitted by the Workmen's Compensation Board.

INDUSTRIAL CONDITIONS

The reports of all Branches of the Department of Labour indicate the great increase in industrial employment which has taken place in the Province as the result of our national war effort. According to figures of the Dominion Bureau of Statistics, this unprecedented expansion brought the index number of employment for the fiscal year 1941 up to 135.0, the highest point in the twenty years of the record, and 17.8 points above the index number of 117.2 for 1940. In these calculations the 1926 average is taken as 100.

The index numbers of employment in all thirteen divisions were higher than last year, and for each month were higher than for the corresponding month of 1940. Expansion in the manufacturing industry as a whole was indicated by an advance of 23.0 points in the index number, in iron and steel by an advance of 47.2 points, in the textile industry by an advance of 17.8 points and in logging by an advance of 25.0 points. Advances in other divisions ranged from 5.0 to 14.7 points.

A decrease in unemployment among trade union members in Ontario was reported, the average percentage over the year being 5.1 as compared with 9.6 in 1940.

The increase in the value of building permits issued in the Province during the fiscal year 1941 indicates a decided expansion in the volume of employment in the building industry. The total value amounted to $56,430,489, an increase of $27,511,956, or 95.1 per cent as compared with the total for 1940.

LABOUR DISPUTES

During the fiscal year 1941 there were 55 strikes reported in Ontario, in which 9,188 workers were involved, the time-loss amounting to 36,318 man-working days. This was the smallest time-loss due to strikes since 1925; it was 28 per cent less than in 1940 and 58 per cent less than in 1939. The total time-loss for the three years, 1939 to 1941, was 41 per cent less than that for the year 1938. In only four of these 55 strikes were 500 or more workers involved and these four lasted only two days or less. In 32 strikes less than 100 workers were involved.

Sixteen strikes in the manufacture of metal products caused 42 per cent of the total time-loss and 10 in the textile industry caused 13 per cent of the loss.

Seventeen strikes involving 27 per cent of the total number of workers on strike were settled by compromise; 7 strikes involving 27 per cent of the workers terminated pending negotiations or application for I.D.I. Board; 13 involving 15 per cent of the workers were settled in favour of the workers; 14 employing 9 per cent of the workers were settled in favour of employers; 3 were indefinite as to outcome or were partially successful and one was not terminated till after the close of the fiscal year.

MEDIATION, CONCILIATION AND ARBITRATION

With the exception of those dealt with pursuant to the Industrial Disputes Investigation Act, the Department of Labour of Ontario was in contact with practically all industrial issues in the Province at the request of both employers and employees concerned. Through the mediation, conciliation and arbitration service of this Department many strikes were promptly and satisfactorily settled, and in many cases matters of dispute were settled without strikes being called, thus ensuring continuity of production and avoiding the establishment of costly boards.

DOMINION-PROVINCIAL TRAINING PROGRAMME

Under the Dominion-Provincial Youth Training Programme 4,097 persons received training in various trades during the year, of whom 1,899 were placed in civilian employment, 877 enlisted in the Royal Canadian Air Force, 182 did not complete their courses and 1,139 were still in training at the end of the year. In addition 75 men were given refresher courses and 59 of them were placed in employment in industry.

Early in the year at the request of the Department of National Defence the classes at the Aircraft Training School at Galt were enlarged from 200 to 300 trainees, and again almost immediately to 600. The results of the training were gratifying as approximately 96 per cent of the young men were successful in passing their standard trade tests for enlistment in the Royal Canadian Air Force.

Under the War Emergency Training Programme 18,395 trainees were enrolled in industrial classes and 1,159 in army classes during the year. Of the students in the industrial classes, 8,984 were placed in employment, 118 enlisted, 2,490 did not complete their courses, 1,986 completed their courses but did not report themselves as placed and 4,817 were still in training at the end of the year.

ONTARIO GOVERNMENT OFFICES, EMPLOYMENT SERVICE OF CANADA

There was a decided increase in the volume of employment in Ontario during the year, with the result that the Employment Service was called upon to assist employers more than ever before in filling their labour requirements. The number of placements made by the Employment Offices, 183,796, was approximately 50,000 more than the previous year, and the placements made since the opening of the offices in 1919 totalled 3,311,126. Applications during 1941 numbered 348,562 and vacancies 196,261. Greater use was made of the Employment Clearance System in obtaining sufficient workers for firms engaged in the production of munitions and other essential war equipment.

The Employment Offices assisted in directing applicants for training under the War Emergency Training Programme to the proper authorities, in arranging for transportation to and from the training centres, and later in placing trainees in jobs.

Applications from ex-soldiers numbered 6,456, and 2,311 placements were made.

FACTORY INSPECTION BRANCH

The great expansion in industry during the year gave rise to new problems for the Factory Inspection Branch. With the increase in the numbers employed, including many who were unaccustomed to operating machinery, and with the introduction of new machinery and the speeding-up process, the need for effective safeguarding and other accident prevention measures was greater than ever before. In spite of all efforts the number of accidents during the fiscal year was almost double that of the previous year, although not all were lost-time accidents. Special precautions against industrial diseases were also necessary in connection with new chemical processes in the production of the weapons of war, and in this work the Department was greatly assisted by the Industrial Hygiene Division of the Department of Health.

The special committee within the Department continued to deal with requests for night shifts for women, and concessions were granted only in connection with work that was definitely for the prosecution of the war. The three-shift system is favoured wherever possible, and in no case is approval given for shifts in excess of ten hours.

The Examiner of Reports and Designs approved of 867 plans for new buildings and additions or alterations to factories, shops and office buildings during the year. The total estimated construction cost amounted to $29,438,300, an increase of 138 per cent as compared with the previous year.

BOARD OF EXAMINERS OF OPERATING ENGINEERS

The Board of Examiners of Operating Engineers reported increased activities in all phases of the work during the year, due to industrial expansion in the Province.

Candidates examined by the Board totalled 1,897, an increase of 167 as compared with the previous year, and the certificates issued numbered 16,954, or 35 more than in 1940. The Board made satisfactory adjustments in connection with 447 cases of breaches of the Act, and 65 cases were in process of adjustment at the end of the fiscal year. The net revenue amounted to $28,225.91, an increase of $2,102.79 as compared with the previous year.

BOILER INSPECTION BRANCH

The fiscal year 1941 was the busiest year in the history of the Boiler Inspection Branch, with its staff of sixteen inspectors operating from eight inspection centres throughout the Province, as well as from the headquarters in Toronto. The number of inspections of new pressure vessels during the year, 1,804, showed an increase of 103 per cent as compared with the previous year, and the number of surveys of designs and plans, 561, an increase of 42 per cent. Inspections of used pressure vessels numbered 966, and annual inspections of uninsured boilers and pressure vessels totalled 6,264 for the year, an increase of 90 per cent. Certificates issued numbered 8,140 as compared with 5,562 the previous year.

The Code of the Canadian Engineering Standards Association has proved very satisfactory for the Province of Ontario. These regulations provide adequate measures for designing and constructing pressure equipment in keeping with present-day trends, particularly in regard to welding.

The annual inspection of uninsured boilers and pressure vessels, which has been the responsibility of the Boiler Inspection Branch for the past two years, has added considerably to the duties of this Branch, as approximately 10,000 such inspections have been made. This work has been conducted by competent inspectors, and a greater degree of safety has thus been afforded the public.

As the result of increased activities the revenue of the Branch showed an increase of 62 per cent as compared with 1940, and 135 per cent as compared with 1939. The sum of $43,447.57 was transferred to the Treasurer of Ontario.

INDUSTRY AND LABOUR BOARD

The Industry and Labour Board administers the Industrial Standards Act, the Apprenticeship Act and the Minimum Wage Act.

INDUSTRIAL STANDARDS ACT : Thirteen conferences were held during the fiscal year pursuant to the Industrial Standards Act. Twelve of the conferences resulted in six new schedules and six renewals, all of which were approved and are now in effect. One schedule. Toronto Painting, was revoked, and two, Toronto Jewellery and Timmins-Cochrane Logging, expired and were not renewed. One hundred schedules were in effect at the close of the fiscal year.

During the year the sum of $7,997.21 arrears of wages affecting 468 employees was collected from 120 employers through the trust account. Of this amount, the sum of $556.25 was diverted to the Crown with the approval of the Industry and Labour Board. After investigation by the Industrial Standards Branch arrears of wages to the extent of $1,396.82 were paid direct to 78 employees by 11 employers.

One hundred and fifty-five prosecutions resulted in 107 convictions, 25 cases withdrawn, 13 dismissed and 10 were still in Court at the end of the fiscal year. Fines imposed amounted to $1,261.

APPRENTICESHIP ACT : During the fiscal year 404 apprentices were registered pursuant to the Apprenticeship Act, as follows;—131 in the building trades, 125 in the motor vehicle repair trade and 148 in the barbering and hairdressing trades. The total was lower than in 1940 because of enlistment and the many opportunities for young persons in munitions and other lines of work for which higher wages were paid. Contracts of apprenticeship completed numbered 421, an increase of 127, and at the close of the fiscal year active apprentices totalled 1,320. The net revenue amounted to $17,975.44, an increase of $537.04 as compared with the previous year.

Since the outbreak of war 155 apprentices in all of the designated trades have enlisted and 441 holders of certificates of qualification in the motor vehicle repair trade and 70 in the barbering and hairdressing tades are now on active service. There is no record of enlistment among journeymen in the building trades since certificates of qualification are not issued in this industry.

Employers in trades not coming within the scope of the Apprenticeship Act have recognized the value of training under this system. Many such employers have consulted the Apprenticeship Branch and have been assisted in entering contracts of apprenticeship outside of the designated trades, in order to provide training for young employees to take care of their needs for skilled mechanics.

MINIMUM WAGE ACT : During the year 1941 wage sheets were submitted to the Minimum Wage Branch by 16,967 employers covering 535,906 employees, of whom 151,278 were females. The corresponding figures for the previous year were 14,954 employers covering 432,892 employees, of whom 129,111 were females. The decided increases in these figures for 1941 indicate the great industrial expansion, though not the extent of this expansion, as employers in certain categories are required to submit wage sheets only every second year.

As a result of the checking of these wage sheets, increases in wage rates were ordered for 1,504 employees in 869 establishments, as compared with 1,674 employees in 929 establishments in 1940.

Fewer complaints were received, the number being 312 for this year, 392 for 1940 and 462 for 1939. The fact that jobs were more plentiful probably explains the decrease, as female employees were less timid about demanding the rates due them and employers were more ready to comply because of the difficulty of replacing good workers.

Arrears of wages to the extent of $15,332.19 were collected from 372 employers on behalf of 738 employees, as compared with $12,946.17 from 337 employers on behalf of 463 employees the previous year. Court action was necessary in 22 cases against 17 employers affecting 37 employees. Five cases were withdrawn after the employers concerned paid arrears of wages and adjusted their records, 16 convictions were registered, none of which were appealed, and one case was dismissed by the Court. The amount of arrears collected as a result of Court action totalled $1,403.81 and fines amounted to $730.

CHANGES

In May 1941, following certain Cabinet changes, the Hon. N. O. Hipel, who had been Minister of Labour since September 1938, became Minister of Lands and Forests, and the Hon. Peter Heenan beame Minister of Labour. Mr. Heenan had served as Minister of Labour in the Dominion Government for four years from 1926 to 1930, and as Minister of Lands and Forests in the Ontario Government for seven years from July 1934. In June 1938 Mr. Heenan undertook the portfolio of Labour temporarily for three months prior to Mr. Hipel's appointment.

Mr. H. C. Hudson, who had been General Superintendent of the Ontario Government Offices of the Employment Service of Canada from 1919 to 1940, severed his connection with the Department of Labour in July 1940 and has recently been appointed Supervisor of Placement Operations, Unemployment Insurance Commission.

In February 1941 Mr. F. B. Walker, Chairman of the Board of Examiners of Operating Engineers since July 1937, resigned to accept a position with an industrial firm. Mr. John Sharp was transferred from the Depatment of Public Works to the Department of Labour as Chairman of the Board.

Mrs. E. Gurnett, who had been a factory inspector since April 1924, was superannuated at the close of the fiscal year.

During the fiscal year 1941 three members of the staff of the Department of Labour enlisted, as follows;—J. H. Watson of the Industry and Labour Board, D. F. McLachlin of the Minimum Wage Branch and Herbert Kane of the Toronto Employment Office.

I have the honour to be, Sir,

Your obedient servant,
J. F. MARSH,
Deputy Minister of Labour.

ONTARIO GOVERNMENT OFFICES OF THE EMPLOYMENT SERVICE OF CANADA

GENERAL SUPERINTENDENT—M. H. MacBRIDE

The year under review, the second year of the war, finds Canada in the position of being called upon to exploit to an unprecedented degree her full resources. As one of the important producing countries of the British Empire, it is inevitable that this Dominion should be called upon to assist in supplying an ever increasing volume of food, clothing, ships, munitions and every kind of war equipment as part of her share in the gigantic struggle.

Canada is today one of the world's leading producers of aluminium and is one of the principal sources of supply to the United Kingdom of nickel, copper, lead and zinc, all of which are vital to the war effort. In the production of other precious metals and products of forests and fields, a valuable contribution is being made for the purchasing of war materials and the stabilizing of foreign exchange.

Ontario is probably the Province richest in these products and, being highly industrialized, is experiencing unparalleled manufacturing expansion. Fortunately the progress of armament production is well advanced as compared with a year ago and is now accelerating rapidly.

EMPLOYMENT OFFICES AND THE WAR

Since the commencement of the war there has been a decided increase in the volume of employment in Ontario, with the result that the Employment Service has been called upon to assist employers in almost all fields of endeavour in filling their labour requirements.

New and increased responsibilities have been undertaken by the staff of the Employment Offices. In order to cope with the various problems with which employers have been confronted, and particularly the problem of obtaining workers for industries engaged on war orders, it has been necessary to conduct periodical surveys of industry and matters pertaining to labour supply. The information collected has proved very valuable in this Province and has been passed on to the federal Department of Labour.

Under the terms of the Employment Offices Co-Ordination Act of 1918, the federal and provincial Governments continued to co-operate in maintaining the Employment Service of Canada during the fiscal year 1941. The federal Government provided approximately twenty-five per cent of the funds expended by the Employment Service in Ontario. Employment Offices in the great majority of the thirty-five centres, where they were operating at the close of the fiscal year, have rendered continuous service for more than twenty-two years. The number of placements made by these offices during this time amounted to 3,311,126.

The placements for the fiscal year totalled 183,796, or 49,930 more than the total for 1940. Applications numbered 348,562 and vacancies 196,261. Particulars on these items will be found in the table on page 25.

WAR EMERGENCY TRAINING PROGRAMME

Although there is a separate branch of the Department of Labour primarily concerned with the problems pertaining to the War Emergency Training Programme, close co-operation has been maintained between this branch and the Head Office of the Employment Service and the various Employment Offices. The Superintendents of these offices and their staffs have assisted in directing trainees to the proper authorities, in arranging for transportation to and from the training centres, and later in placing them in jobs.

The greatest shortage in the labour supply was that of highly skilled metal tradesmen. Through the efforts of the Employment Offices many such skilled and semi-skilled workers were located in various centres throughout the Dominion, and men who had not worked at their trade for some years were placed in employment where they could regain their skill. The process of upgrading of skills of presently employed persons is being more widely adopted and production workers with skill in the fundamental processes are being trained in both plants and the technical schools.

EMPLOYMENT CLEARANCE SYSTEM

The Employment Clearance System of the Service has proved increasingly effective in the filling of labour requirements of firms engaged in the manufacture of essential war equipment. The exact details of jobs which can not be filled locally are forwarded to all other Employment Offices in the Province. If these offices are not able to supply a sufficient number of suitable applicants, the orders are sent from the Head Office of the Employment Service at Ottawa to all Employment Offices in Canada. Figures relating to these transactions will be found in the Table on page 25 under the heading "Transfers."

The Employment Service co-operates with the Immigration Branch of the Department of Mines and Resources in endeavouring to locate applicants qualified to fill the special positions for which employers are seeking to bring workers in to Canada. In connection with these "importation requests" the Employment Service reports as to whether or not such help is available in this country.

GENERAL

As heretofore, every effort has been made by the Employment Offices in providing farmers with the help required and the record of placements indicates that progress was maintained on a level comparable to that of last year.

A perusal of the summaries of the reports from the Superintendents of the various Employment Offices, which are to be found on the following pages, reveals in greater detail the extent to which the Employment Service has been utilized by workers seeking jobs and employers seeking help.

OUTLINE OF ACTIVITIES OF ONTARIO GOVERNMENT OFFICES OF THE EMPLOYMENT SERVICE OF CANADA

BARRIE

The zone covered by the Barrie Office of the Employment Service includes Simcoe county and the Georgian Bay-Muskoka area. During the year 4,510 placements were made by this office, the great majority of which were on building projects at Camp Borden under the Department of National Defence. The facilities of the Employment Office were used by various military officials for recruiting tradesmen for various branches of the Service, and 387 men were placed in a civilian capacity. There has been a great industrial expansion in this district during the year, due largely to war orders, especially in the iron and steel industry and shipbuilding, one plant having a staff five times as large as that of a year ago, and textile firms working 24 hours a day. Several hundred men from this zone have also been sent to the chemical plant in the North Bay zone.

Approximately 300 men were placed on railway construction and maintenance jobs, 250 on hydro development in the Muskoka district, and over 100 placements were made on farms, in spite of the openings in other lines of employment. Domestics, waitresses, cooks and all kinds of help for hotels and restaurants were in great demand, due to the greatly increased business in the town and surrounding district. Fifty youths were sent for courses under the Dominion-Provincial Youth Training or War Emergency Training Progamme.

During July, the month of greatest activity, the Employment Office was open for business seven days a week, and for five days a week it remained open until midnight in order to cope with the various demands.

BELLEVILLE

There was considerable demand for experienced farm help in the Belleville district during the year, and, as was the case in all farming sections of the Province, there was a shortage of such workers, due to enlistment and the demand for factory workers at higher wages. Many farmers were dependent on dayworkers for harvesting and groups of farmers co-operated in making the best use of the limited supply of such workers available.

Practically all branches of the manufacturing industry showed an upward trend in business during the year, in which the iron and steel industry led the way. Many skilled tradesmen were supplied various firms engaged on war orders by the Belleville Employment Office, which also collected the entire office staff for a factory commencing business in this city. A great many graduates of the War Emergency Training Course were placed on war orders and a number of young men from this district were selected for training to the Aircraft School at Galt. Every assistance was given in the Employment Office in connection with applicants and in placing them on the completion of their courses.

The Employment Office was responsible for supplying skilled workmen of almost every category for work on the repair depot being established at the Trenton Airport by the Department of National Defence, and, with the splendid co-operation of outside offices of the Employment Service, we were able to do an excellent job in collecting a great variety of workers. Officials of the Royal Canadian Air Force at Trenton used the facilities of this office exclusively and their requirements were many and varied, and wherever possible ex-service men were given preference on these projects.

Work on a larger scale than last year was carried on by the Hydro-Electric Power Commission, and as practically all projects were at points distant from the

Employment Office contact men were appointed to look after the labour supply. Approximately 350 men were given from one to four months' work.

As a result of so much industrial activity, there was a decided shortage of applicants in the domestic field.

The placements made by the Belleville Office during the year numbered 4,264, an increase of 1,867 as compared with the previous year. A satisfactory feature of this work was the placing of many handicapped workers in jobs which they could handle.

BRANTFORD

The report of the Superintendent of the Brantford Office included interesting employment figures indicating the rapid industrial expansion, especially in the iron and steel industry, some firms doubling their payrolls during the year and several reaching a new high peak in their history. Most of these firms availed themselves of the opportunity of employing trainees on the completion of their course at local War Emergency Training Classes. Calls for help were received in the Employment Office from practically every industry in the city and appoximately 900 placements were made.

In the construction industry the chief projects were in connection with two military centres, for both of which calls for help made considerable demands upon the Employment Office. In addition, civilian help of various kinds, including 15 stenographers, was also supplied one of the centres, and 55 girls were placed with the United Kingdom Inspection Board to receive training as shell examiners.

The total placements made by the Brantford Office showed an increase of 66 per cent, and 872 of these placements were for farm work.

CHATHAM

The Chatham Office reported a considerable step-up in production in the manufacturing firms in the city, most of which are working on war contracts for a large percentage of the time. Many firms have co-operated closely with the Vocational School in employing trainees on the completion of their courses, and have also sponsored young men taking training in Galt. Building was active during the year and 520 tradesmen were placed on construction work under the Department of National Defence. The Employment Office also undertook the placing of men on work for the city during the winter, when 859 were placed on a shift basis. For both farm and domestic work there was a shortage of help, but in spite of it 586 married or single men were placed by the month on farms and 752 by the day. In domestic work 187 permanent placements were made and 200 day work placements.

FORT WILLIAM

The placements made by the Fort William Office, 5,668 during the year, showed an increase of 1,284 as compared with 1940. The logging industry accounted for 725 of this increase. More tradesmen and labourers were placed on building construction, as there was greater activity in the building of houses, distress bins for several Lakehead elevators, structures in connection with the Air Training School, alterations to the Military Training Centre and new internment camps east of Schreiber.

More than 600 men were placed with a company carrying on considerable ballast work for the Canadian Pacific Railway west of Fort William, and the shipping of these men without delay as required involved a great deal of overtime work for our staff, but resulted in a satisfactory service for the company.

The Employment Office has also given valuable assistance to the aircraft factory, with a payroll of approximately 6,000, in obtaining the help required. Many highly skilled and semi-skilled workers, some of whom were brought in from outside centres with the assistance of other offices of the Employment Service, were placed on all types of work, as well as quite a number of ex-service men with little experience in the class of work for which they were employed. This firm has also taken on large numbers of workers who have received training under the War Emergency Training Programme.

GALT

During the first year of operation the Galt Employment Office has proved a valuable asset to the community. The placements numbered 1,602, of which 107 were in other districts to which applicants were transferred. These included 55 men to National Defence projects at Kitchener and Camp Borden and 39 to the Shand Dam project at Fergus. In addition, 58 workers were transferred to this district from outside centres to fill vacancies for which local help was not available. There was a scarcity of both farm and domestic help, with the result that only approximately two-thirds of the vacancies could be filled.

The Galt Office has been assigned considerable responsibility in connection with all the training courses which have been established in Galt under the Dominion-Provincial Youth Training Programme. This has involved the issuance of requisitions for transportation from Galt for approximately 700 trainees in the industrial courses, those for the trainees in the Aircraft Training School being arranged by the Royal Canadian Air Force. In addition the Employment Office has undertaken the billeting in boarding homes of all the students of the various classes including the necessary adjustments and interviews. This has involved considerable work as there are approximately 900 trainees in courses of varying lengths so that the arrivals and departures are almost constant. For the first six months of the fiscal year the Superintendent continued a former duty of paying to the trainees their weekly allowances, which entailed a Saturday forenoon's absence from the Employment Office.

GUELPH

The placements in the Guelph Office numbered 2,595, an increase of more than 30 per cent as compared with last year, and in addition 311 workers were transferred for work in this district from outside Employment Offices. All tradesmen required for construction work in Guelph under the Department of National Defence are now being recruited through this Employment Office, and during the year 74 men were sent for such work to Camp Borden and Kitchener.

Manufacturing firms were very busy, especially in the textile industry in which hundreds of placements were made for work on war orders. In spite of the demand for factory workers, the Employment Office made 400 placements in domestic work and nearly 200 in farm work.

HAMILTON : Men's Department

The Hamilton Office had the busiest year in its history, the placements, 11,946, showing an increase of over 70 per cent as compared with the previous year. The demand for skilled mechanics in the steel trades was heavy and at the close of the year 200 extra tool makers, machinists and moulders could have been placed. During the summer and fall the Employment Office supervised as far as possible the labour on five airports in the district, which was no mean job, and required long hours of work seven days a week on the part of the staff. There was an increase in the number of handicapped men placed and several hundred ex-service men were placed as examiners on munitions by the British Supply Board. This involved considerable work

for the staff as the men were interviewed and all arrangements made for their medical examination.

The staff also handled hundreds of boys in connection with the Dominion-Provincial Youth Training Programme, and arranged for the billeting of apprentices attending the classes in carpentry and bricklaying in Hamilton, as well as paying them each week.

Several hundred men were placed on highway work and on new power plants under the Hydro-Electric Power Commission. During the summer building trade mechanics, especially carpenters, became scarce, and when the large amount of construction work being carried on received publicity, hundreds of workmen from all over the Dominion flocked to Hamilton and at the end of the year 2,057 were still on the active files of the Employment Office.

HAMILTON : Women's Department

Factory work has been very active, many plants working overtime and three shifts, due to war orders. Considerable extra work has been entailed in the registering and placing of girls on munition work. Matriculation standing or its equivalent was required in one order for girls to be trained as instructors, while in some plants younger girls to be trained in the particular line of work are preferred. The demand for household help, both resident and day workers, was constant but few applicants were seeking this type of work, when factory work was more attractive.

KENORA

The only placements made on war orders by the Kenora Employment Office were 42 on aircraft production work in Fort William. Government expenditures in this district were reported curtailed during the year, and there was a heavy drop in tourist trade, no revival of activity in gold mining and fewer openings on railway maintenance. The logging industry, however, was more active and highway construction and maintenance work was about equal in volume to last year. Placements on highway projects comprised fifty per cent of the total made by the Employment Office.

Several young men were sent from this district to Galt for training in aircraft mechanics, welding, sheet metal work and machine shop practice, and 72 went to the Vocational School at Fort William for courses under the War Emergency Training Programme, on the completion of which they were employed on aircraft production work. From an employment standpoint the outlook for the future in this district is reported as good.

KINGSTON

Placements made by the Kingston Office increased by more than 90 per cent as compared with the previous year. All manufacturing firms in this city and in the municipalities of Gananoque, Brockville and Napanee were very busy. This was especially marked in the iron and steel industry and in other firms engaged on war orders, staffs being increased and in some instances doubled, and new buildings and additions to buildings being erected. A new factory now under construction will employ 500 when completed.

Many young men from this district were sent to the training courses at Galt and the trainees at the Kingston Vocational School were employed by local firms or sent to Hamilton and Collingwood on the completion of their courses. The Employment Office was very active during the year in supplying mechanics on various projects under the Department of National Defence, both within this district and at outside points.

KITCHENER

The Kitchener Office reports all industries in the Twin Cities working to capacity with the largest staffs most of them have ever employed. The labour requirements of the metal and rubber industries especially have made great demands on the Employment Office and many good placements were made, in spite of a decided shortage of skilled mechanics.

The construction industry also provided a great volume of employment on industrial buildings, and for the basic training centre, a project of the Department of National Defence, 300 carpenters and more than 800 labourers were supplied by this office.

Very successful courses have been held at the Vocational School under the War Emergency Training Programme, with 138 trainees completing the courses and practically all placed in industry. A second group of applicants were registered and waiting to commence their course at the end of the fiscal year. Firms are taking full advantage of these training facilities and are having young men trained for their particular type of work, so that they can go on production after completing their courses, thus relieving the situation greatly.

LINDSAY

In the ten months of its operation the Lindsay Employment Office made 1,190 placements of workers in this district and 55 workers had to be brought in from outside centres. This office rendered a valuable service in supplying 750 workers for the Dominion Arsenal, and in selecting 10 lads to be trained at the Oshawa Technical School for special work for this plant. In addition, 32 young men were sent from this zone to training classes at Peterborough and Oshawa.

LONDON

Many firms in London, especially in the iron and steel industry, were engaged on war orders or war sub-contracts and continued busy most of the year, with increased staffs and overtime in many cases. Mechanics and labourers were supplied these firms by the Employment Office, and more than 2,200 tradesmen of all kinds and labourers were placed on military projects, such as airports, training camps, armouries, barracks, Military Headquarters, and Central Mechanization Depot.

Thirty-six youths from this district received training under the Dominion-Provincial Youth Training Programme, 21 of whom went to the Aircraft Training School at Galt, and 153 young men took classes under the War Emergency Training Programme either in the Technical School in London or in Galt. The aircraft manufacturing firm is sponsoring a number of these trainees in the sheet metal course and others are being trained by the firm.

NEW TORONTO

There was a decided expansion in the volume of employment in the New Toronto zone with the result that placements made by the Employment Office were double in number those of the previous year. Practically all firms increased their staffs and many extensions were made to plants, in addition to several new factories which were nearing completion. Considerable construction was also carried on in this district by the Department of National Defence and the hydro and a large programme of road work was carried on. The Employment Office kept in close touch with all these undertakings and supplied a very large part of the labour requirements. Placements have also been made in every industry in the immediate district.

Ten youths were sent to Galt for machine shop training and 20 to the Aircraft Training School.

NIAGARA FALLS

The placements made by the Niagara Falls Employment Office during the fiscal year numbered 4,783 or more than double the number made in 1940. An outstanding feature of the work was supplying more than 2,100 workers for the new chemical plant erected on a site one mile and a quarter square. Shortly after the project was under way, an official of the Employment Service was placed at the plant office to register all applicants and confirm those placed who reported direct to the company. All orders were cleared through the Employment Office and when skilled workers were not available locally, the Employment Clearance System was used in obtaining them from outside centres, so that orders might be filled without undue delay. When this plant is in full production it is estimated that from 1,200 to 1,500 persons will be employed permanently.

All other firms engaged on war contracts in this district were offered the facilities of the Employment Office and many placements were made of both regular workers and trainees. All manufacturing firms in this zone operated at a high production level during the year and retail and wholesale trade showed continued improvement.

The building of the Rainbow Bridge and bridges over the Hydro Canal and Welland River provided considerable employment, and many placements were made on highway construction, especially on the continuation of the Queen Elizabeth Highway. Employment in the building trades also showed a considerable advancement as compared with the previous year. Two national defence projects were carried on, for which all workers were recruited through the Employment Office, preference being given to ex-service men. In addition, 160 veterans were placed as guards, and at the end of the fiscal year employment had been found for all employable veterans.

During the year 10 applicants were sent from this district for aircraft and four for industrial training. Two courses under the War Emergency Training Programme were held at the Niagara Falls Vocational Institute, for which 220 students were enrolled. Instruction was given in six different trades, and it is expected that all completing the course will be placed in industry.

There was a steady demand for casual workers throughout the year and this and the demand for general workers, which brought back to work many older men formerly considered too old for work, resulted in a decided reduction in relief rolls, and of persons classed as fully employable only 23 were in receipt of relief.

NORTH BAY

The North Bay Employment Office made full use of the Employment Clearance System in its efforts to meet the demands made upon it for labour. In the logging industry operations were greatly increased and many new camps were opened. The industry, however, was not greatly hampered by lack of help, although there were delays in filling large orders for experienced help, and the groups of jobless, who for the past decade have moved from camp to camp ready to take what jobs might offer, have disappeared. The pulp camps were understaffed and many orders for help could not be filled. On the whole the industry attained a greater volume of production and, with accumulated stock, was able to fill requirements in a satisfactory manner. The huge demand for sawn and finished products resulted in sawmills operating to capacity, and skilled workers were not easily located to fill all orders.

Tradesmen of 40 classifications were recruited for defence projects, and as such demands were of an urgent nature, considerable ingenuity was necessary in order to collect the help required. The Employment Office made use of friends, relatives, police, country storekeepers, municipal clerks, reeves and relief inspectors in notifying applicants, and with their excellent assistance, more than 1,400 tradesmen were

supplied for these projects. The transfer of men into the zone was resorted to only after the local supply had been exhausted. More placements than last year were made on railway maintenance operations, but the calls for highway work were fewer than in 1940.

As the result of a special effort made by the Employment office, 44 lads with at least two years of machine shop training at the technical school were placed in industries in the southern part of the Province. The Employment Office also referred candidates for classes under the War Emegency Training Programme, and on the completion of their courses 60 were placed as aircraft mechanics in Fort William.

OSHAWA

The volume of employment in Oshawa was greater than for many years. A contract for army trucks resulted in an addition of approximately 2,000 employees in one firm and provided extra work for several other local firms. All factories in the district were busier, with increased payrolls and extra shifts in some instances. Over 200 men were employed on the making of wooden cases for war requirements.

More firms than ever before relied on the Employment Office for assistance in obtaining the help required from time to time, and contractors engaged on the new Air Field north of the city, as well as those on highway work, were supplied with both skilled and semi-skilled workers by this office. The number of placements during the year was more than double that of 1940, and with the heavy demand for casual workers, it was possible to place a large number of older men on work of a light nature. Forty men were sent to work outside the zone, mostly at Camp Borden through the Employment Office at Barrie.

OTTAWA

Although fewer placements than last year were made by the Ottawa Employment Office, the number of permanent placements increased by forty per cent. There was a constant demand for experienced mechanics and many highly skilled workers were placed with firms engaged on war orders. In several instances these were obtained through the Employment Clearance System. All applicants for training at the Ottawa Technical School were registered at the Employment Office and trainees were placed on the completion of their courses. A considerable number of youths went from this district to Galt for aircraft or industrial training. Many skilled workers were placed with the Royal Canadian Air Force after passing severe trade tests, and a number of high class technical men were also given tests and accepted by the Inspection Board of the United Kingdom and Canada. Highly skilled workers were also obtained through the Employment Office for a large chemical plant.

This has been an exceptionally good year for building mechanics, as many temporary buildings were erected and extensive alterations made to other buildings to provide additional office space for various departments of the federal Government. The house shortage was also acute and large numbers of dwellings of various types were erected throughout the city, and a large hotel is still under construction. During the summer 150 carpenters were sent to the camp at Petawawa, and carpenters from this district were also sent to the new camp being erected near Cornwall, where a representative from the Employment Office had gone to take care of the registration and placement of workers. This office worked in close co-operation with all contractors on these various construction projects and placed a very high percentage of all workers employed.

Civilian help for the local flying fields was obtained through this office and arrangements were made for their medical examination. Great demands were also made on the Employment Office for both skilled and semi-skilled help for the Depart-

ment of National Defence and other departments of the Government. All city work was centred in the Employment Office and there was a steady demand for labourers for street and sewer work. Such jobs were usually filled by men in receipt of city relief.

Total placements of handicapped ex-service men numbered 502 for the year, and on their behalf 9,463 interviews were carried on in the office, and 6,783 outside.

OTTAWA : Women's Department

In the Women's Department there was an increasing demand for household workers, but for various reasons girls prefer institutional, factory or clerical work to household service, and it was impossible to meet this demand. Because of this shortage, there was an increase in the number of casual day workers required and no difficulty was experienced in filling such orders. The Ottawa Home Service Training School was closed at the end of the fiscal year. In the two years and three months of its operation 258 trainees were placed by this office.

OWEN SOUND

As few firms in Owen Sound were engaged on war orders, increases in the numbers employed were on a smaller scale than in many centres. Forty-nine men were transferred out of the district, mostly building tradesmen sent to Camp Borden through the Barrie Employment Office. Great interest was shown in the various training courses, to which 175 applicants were sent from this district. Eighty of these attended the classes at the Owen Sound Technical School under the War Emergency Training Programme, and more than 40 attended the summer courses. Others went to the Aircraft Training School and industrial courses at Galt, or to farms, and five girls went to the Home Service Training School at Preston.

PEMBROKE

Because of the huge building programme undertaken at the military camp at Petawawa, the Pembroke Employment Office had a busy year supplying about 95 per cent of all building tradesmen and labourers required on this work. The assistance of four outside Employment Offices was necessary to meet the demand for carpenters, painters and plumbers, but practically all labourers were from the surrounding district, returned soldiers being given the preference.

A power development project at Barrett Falls required approximately 500 men for road work, the building of camps, bush clearance and the actual construction of the dam. The lumber industry was also active and logging operations were undertaken on a much larger scale than for many years.

The textile firms in this zone reported a substantial increase in business during the year, and practically all other manufacturing firms were decidedly busier. In mercantile trade the increase was reported at from 20 to 25 per cent or more. In Pembroke no employable person was in receipt of direct relief during the year and in other centres relief to such persons was practically nil.

The number of placements made by the Pembroke Employment Office totalled 5,711, which is more than double the number made in 1940.

PETERBOROUGH

The Peterborough Employment Office supplied on short notice 150 carpenters and 250 labourers for the building of huts at Military Camp No. 32, and later sent all the tradesmen of various kinds required, as well as the office staff. This construction work and the industrial and other building work being carried on kept building tradesmen steadily occupied during the year.

Practically every line of manufacturing showed a marked expansion, many firms working two or three shifts, erecting new buildings or otherwise increasing floor space, and several reported the busiest year in their history. The Employment Office placed approximately 400 with one firm, many being old mechanics who had given up their trade, and many other skilled workers were supplied with the assistance of outside Employment Offices.

All registrations for the War Emergency Training Classes were made through the Employment Office and 17 classes were held and 85 per cent of the trainees placed in industry on the completion of their courses. The total placements of the Employment Office showed an increase of 55 per cent for the year.

PORT ARTHUR

The report of the Port Arthur Office shows a larger number of men transferred into the zone than any other office, due largely to the demand of the shipbuilding firm for skilled workers which could not be met by the local labour supply. The Employment Office also placed with the firm many young men from the training classes at the Technical School. Many placements of both men and women were made with the aeroplane manufacturing firm at Fort William and towards the end of the year an arrangement was made to have a certain number of trainees from the Technical School sent each week to this firm. Approximately 600 workers were placed on construction projects undertaken by the Department of National Defence.

The Employment Office supplied several thousand men for woods operations in the Thunder Bay District. These various operations now give employment practically the year round. The number of placements in the mining industry was comparatively small, due to the distance of the firms from Port Arthur, and distance has also proved an obstacle in connection with requests for help in other lines of work.

ST. CATHARINES

The report of the St. Catharines Employment Office shows an increase of approximately 2,500 in the number of placements made. As in other centres, the iron and steel firms were especially busy, due to war orders, and many firms have made extensions to their plants, have greatly increased their staffs or are working double shift.

The building programme in this city surpassed all previous records and 1,400 placements were made in the construction industry by the Employment Office. The expansion in business in this area has resulted in a great deal of industrial building, as well as the building of houses, and a large number of permanent buildings were erected at a military camp and at the elementary flying school.

The extension of training facilities under the Training Programme has been of great assistance to industry by providing a supply of semi-skilled workers, and thus relieving to some extent the shortage of skilled mechanics. The summer courses at the collegiate were very satisfactory, with more than 70 of the trainees being placed and at the end of the year the classes had the full number of students.

ST. THOMAS

More than one half of the 2,832 placements made by the St. Thomas Employment Office were in jobs at the three air training centres in this district. Considerable assistance was also given farmers in obtaining their help and workers were placed on hydro projects and in various industries.

SARNIA

The Sarnia Employment Office reported a general increase in practically all industries, especially in firms engaged directly or indirectly on war orders. In a brass firm 366 men and women were placed for factory work and special inspection work

under the British War Supply Board, and many students with high standing in the courses for aircraft mechanics were placed with the local aircraft manufacturing firm. Building tradesmen and labourers were supplied for work at the armouries. Approximately 400 placements on other building projects were made and a list of building mechanics has been prepared in connection with the building of a new elevator to be undertaken shortly.

SAULT STE. MARIE

The Employment Office at Sault Ste. Marie was requested by one of the largest companies in the lumber industry to take charge of the entire hiring and shipping of men to the various camps, and 850 men were sent out during the winter, in addition to 200 recruited through other Employment Offices both in Ontario and Quebec, when experienced pulpwood cutters could not be obtained locally. Considerable work was involved in having the men medically examined, issuing them instructions, taking care of transportation order forms, and reporting to the company the name and destination of each man shipped. All these transactions required overtime work on Saturday and Sunday on the part of the Employment Office staff, but were carried out without error and to the satisfaction of the company. Year round pulpwood operations in four of these camps will provide steady employment for cutters.

Most building mechanics had steady employment throughout the year, but the decision to postpone until after the war all highway work not immediately necessary resulted in fewer placements in the construction industry as a whole. All orders received from the boats were promptly filled, and orders for casual work were much higher than last year. Six lads from the district were sent to classes at Galt and Hamilton under the Dominion-Provincial Youth Training Programme.

Employment has been at a high level at the steel plant, with extensions under construction, and both skilled and unskilled workers were supplied this firm, the Employment Clearance System being used to good advantage in obtaining the highly skilled mechanics which were not available locally.

SIMCOE

The Simcoe Employment Office rendered a unique service to the tobacco farmers in Norfolk county in supplying them with complete harvesting gangs. Many small growers were unable to give continuous employment to the number of men required on harvest days, as they could prime tobacco only two or three days a week. The Employment Office was able to supply them with complete harvesting units, but in order to have the men ready when the farmers called for them, it was necessary for the office to open for business at 6 a.m. during the harvesting season. The total acreage for flue cured tobacco in Ontario for the year was 38,500, approximately 65 per cent of which is in Norfolk county.

The few manufacturing firms in this district had a busy year and a considerable number of workers were supplied them by this office. Building tradesmen were also sent for airport construction work. About 40 young men went for training to the Aircraft School at Galt, and under the War Emergency Training Programme many went to take courses at Brantford and Hamilton.

The number of placements made by the Simcoe Employment Office increased about 15 per cent as compared with the previous year.

STRATFORD

The Stratford Employment Office supplied building tradesmen for building and alterations being carried on at various airports and military camps, as well as for the barracks at Stratford. When such workers were called for on short notice, we

telephoned the clerks of the surrounding municipalities, who got in touch with the workers in the district, giving them our instructions, thus saving considerable time. This arrangement has proved very satisfactory and the assistance of the clerks has been appreciated.

The Employment Office has co-operated to the full in connection with the War Emergency Training Programme and more than 100 students were trained in the technical schools.

SUDBURY

The report from the Sudbury Employment Office showed an increase of 53 per cent in the number of placements made during the year. More than one-half the men employed in the lumber industry in the district were supplied through this office, and close contact was maintained with the various companies. Many building tradesmen were also sent for work at the munition factory at Nobel and on the erection of an internment camp. The whole Sudbury district has been covered in an effort to obtain first class machinists and other tradesmen to meet the demand. Considerable employment was also given men on hydro projects, highway and building construction, but the volume of such construction work being carried on was less than in 1940. Only skilled help was required for the mining industry and there was a shortage in the supply, although some good placements were made.

TIMMINS

The Timmins Employment Office made 1,000 more placements during the year than in 1940. Placements in the logging and lumbering industry were approximately four times the number in the previous year, and many orders remained unfilled. Less work was available for building tradesmen and many of them left the district for work elsewhere in the Province. Many good placements were made in the mining industry in which efforts for maximum production are now being maintained, since it is classed as an essential war industry, and great care was taken in checking the employment records of the applicants sent to the various mines in this district.

TORONTO

Early in November 1940 the one central Employment Office in Toronto was replaced by five zone offices so located throughout the city as to best suit the convenience of both employers and employees. About 27,000 placements were made in the offices during the year, or an increase of 45 per cent as compared with 1940. In addition, large numbers of skilled mechanics were selected and referred to various firms engaged on war contracts and too busy to confirm the employment of such workers, with the result that numerous placements could not be recorded.

The iron and steel industry reported considerably increased production and there was a marked shortage of skilled mechanics. In addition to the local demand, the Employment Offices were called upon to supply skilled workers for various municipalities from Ottawa to Port Arthur. The registration of industrial war workers proved valuable as a means of recruiting many experienced mechanics employed in other lines of work because of lack of opportunity in their own line before the war. The transfer to and from Toronto of skilled workers through the Employment Clearance System was heavier than for many years.

Food, textile and printing industries had a busy year and construction was brisker than since 1932, due to the building of various military camps and the volume of industrial building being carried on.

The various offices have been in close touch with the training classes at the technical schools under the War Emergency Training Programme and hundreds of

the trainees have been placed with firms engaged on war contracts. While not fully skilled, they have been sufficiently trained in various trades to fit into factory organization and to relieve the shortage of skilled mechanics.

As in all other Employment Offices in the Province, the demand for household workers was greater than the supply, because of the preference for war work of some sort, and especially munitions work. There was a great increase in the registration of women and girls from all parts of Ontario and from the western provinces for this type of work, and many good placements were made. Experienced power machine operators, weavers, winders and workers for the metal trades have been in demand, and among inexperienced workers the demand has been for girls of 16 and 17 years of age. During the year more than 12,000 placements were made by the Women's Departments of the Employment Offices.

WELLAND

The zone of the Welland Employment Offices includes, in addition to Welland with its widely diversified industries, Port Colborne, where the nickel plant provides the greatest volume of employment, and Thorold, the centre of the paper industry in this district. Practically all manufacturers were exceptionally busy, working full time with greatly increased staffs and many firms made extensive additions and alterations to their plants. The greatest increases were in the iron and steel and textile industries, due to the requirements of war, and the construction industry reported a decided improvement in general business because of plant extensions, house building and other construction work.

This expansion in industry resulted in a busy year for the Employment Office, and the placements were more than double the number made in 1940, in spite of the difficulty of looking after the employment needs of three municipalities several miles apart.

WINDSOR

The Windsor Employment Office reports that many contracts were awarded the various manufacturing firms in the city for war supplies, especially for mechanical transports and accessories, and by the early summer plants were operating to full capacity. A survey of 172 firms made by the Chamber of Commerce showed an increase of 40 per cent in the numbers employed by these firms during the year. While hundreds of unskilled workers were utilized in many plants, the orders for help placed with the Employment Office were mostly for skilled mechanics and it was difficult at times to supply the numbers required. However, the various training courses at the Vocational School have been filled to capacity, and the large numbers of trainees already placed in industry are proving very satisfactory.

Large numbers of building tradesmen were supplied for work at the airport and for alterations to the military barracks. The building permits issued in Windsor during the year amounted to double the value of the previous year and provided steady employment for building mechanics.

The placements made by the Employment Office during the year showed an increase of 47 per cent.

WOODSTOCK

The greatest gains in the number of placements made by the Woodstock Employment Office were in the construction industry, due largely to war requirements. The largest project was the construction of a militia training centre, all the men on which were hired through the Employment Office. No efforts were spared by this

office in supplying the labour with as little delay as possible and this entailed hours from 6.30 a.m. till 11 p.m. for the staff for several weeks. However, the service rendered was very satisfactory and 805 men were placed on this job. A considerable number of placements were made on new construction and repairs for the Hydro, and building tradesmen were placed on all jobs of residence and factory buildings in this city, and 77 carpenters were sent to a job on a plant being erected in London.

Cordial relations have been established between the Employment Office and the various manufacturing firms of the city, many of which hire all help through this office. In filling these requirements efforts were made to have workmen return to the trade in which they were skilled and which they had left for other lines of work, and to persuade employers to advance semi-skilled workers to more skilled operations. Many young men who had completed the machine shop courses at the Technical School were also placed in industry, thus supplying the demand for semi-skilled workers. Under the War Emergency Training Programme 17 trainees were sent to the Training School at Galt and 45 to the Technical School at London.

Fifty six female examiners were placed in two munitions factories for which jobs approximately 200 applied.

ONTARIO GOVERNMENT OFFICES, EMPLOYMENT SERVICE OF CANADA
VACANCIES, APPLICATIONS AND PLACEMENTS DURING THE FISCAL YEAR APRIL 1, 1940, TO MARCH 31, 1941

	Vacancies	Applications	Placements		Provincial and Interprovincial Transfers	
			Regular	Casual	In	Out
Barrie	6,515	4,918	4,334	142	1,915	34
Belleville	4,459	7,475	2,985	1,228	159	51
Brantford	3,571	4,704	2,390	997	50	125
Chatham	4,081	4,821	1,577	2,466	21	10
Fort William	6,129	6,124	4,228	1,439	455	1
Galt	1,790	3,724	1,274	221	58	107
Guelph	2,934	4,776	1,977	512	311	106
Hamilton, Men	7,685	18,137	4,756	2,669	121	139
" Women	4,775	12,427	1,396	2,981		5
Kenora	1,366	2,832	949	416		71
Kingston	5,841	8,922	5,002	591	25	1
Kitchener	3,516	5,578	1,838	1,317	264	186
Lindsay	1,203	2,811	1,041	80	55	69
London, Men	5,633	7,969	4,029	1,423	87	89
" Women	2,360	3,559	873	1,297	4	1
New Toronto	2,764	7,595	2,045	484	111	19
Niagara Falls	5,454	5,653	3,925	796	560	62
North Bay	3,997	5,437	2,854	687	365	451
Oshawa	5,435	9,604	1,857	3,537	40	250
Ottawa, Men	16,638	25,917	5,878	10,701	17	241
" Women	5,624	6,285	1,404	2,143		
Owen Sound	1,757	1,991	698	1,046	2	49
Parry Sound	2,446	2,354	2,354		92	
Pembroke	6,489	12,473	4,715	922	842	74
Peterborough	3,051	4,975	1,916	653	16	177
Port Arthur	10,264	7,895	7,836	411	1,923	
St. Catharines	6,568	8,311	3,528	2,333	79	228
St. Thomas	3,036	3,548	2,217	622	103	3
Sarnia	3,014	5,094	1,559	1,377	3	10
Sault Ste. Marie	3,812	5,238	1,470	1,263	371	44
Simcoe	2,565	3,167	1,418	1,147		117
Stratford	1,452	2,814	1,125	323	4	99
Sudbury	3,568	6,274	2,462	650	447	144
Timmins	7,412	12,275	4,506	2,265	100	85
Toronto, Men	14,185	59,227	9,386	4,518	16	941
" Women	12,687	33,813	4,811	7,319	1	2
Welland	2,003	4,731	1,387	384	77	207
Windsor, Men	2,735	3,896	1,711	961	15	54
" Women	4,043	5,652	2,256	1,746		3
Woodstock	3,404	5,566	2,433	914	31	160
TOTALS	196,261	348,562	114,400	64,981	8,740	4,415

PLACEMENTS : Fiscal Year 1941 :	Regular	114,400
	Casual	64,981
	Transfers Out	4,415
Total Placements, Fiscal Year 1941		183,796
Total Placements, 1919 to 1940		3,127,330
Total Placements, 1919 to End of Fiscal Year 1941		3,311,126

EMPLOYMENT REPORT OF HANDICAPPED EX-SOLDIERS

MARCH 31, 1940, TO MARCH 29, 1941

Employment Office	Applications	Placements			Cancellations
		Regular	Casual	Total	
Brantford	76	20	14	34	33
Hamilton	627	113	101	214	306
Kingston	46	7	—	7	35
London	163	37	11	48	84
Ottawa	751	219	13	232	420
Peterborough	7	3	1	4	3
St. Catharines	45	24	9	33	7
Toronto	4,603	849	810	1,659	2,527
Windsor	138	44	36	80	25
Totals	6,456	1,316	995	2,311	3,440

PRIVATE EMPLOYMENT AGENCIES

License renewals were granted to three private employment agencies, which transacted business during the fiscal year 1941. According to the reports submitted to the Department of Labour, the following placements were made by these agencies:

	Placements		
	Men	Women	Total
North Bay—Canadian Placement Agency; B. Ferro	1,361	.....	1,361
Sudbury—Messrs. P. J. & F. W. McAndrews	1,707	.....	1,707
Toronto—Metropolis Agency	171	627	798
Totals	3,239	627	3,866

FACTORY INSPECTION BRANCH

CHIEF INSPECTOR, DEPARTMENT OF LABOUR—J. R. PRAIN

This is the fifty-fifth annual report of the Factory Inspection Branch and covers the fiscal year 1941.

The work of the Composite Inspection Service during the second year of the war increased in volume very considerably on account of the new munitions plants opening, and others already in production speeding up their output. This increased activity in industry took place not only in the actual manufacture of guns, shells and other implements of war, but also in the production of foodstuffs, cloth, building materials and many other lines. New problems confronted the inspection staff in the change over to wartime industrial operations and the need for effective safeguarding was greater than ever

The number of industrial accidents during the year was almost double that of the previous year. Reasons for this are the increase in the numbers of persons employed, quite a percentage of whom operated hazardous machinery for the first time, the introduction of new machinery and the speeding-up process. Moreover, many of those reported were not lost-time accidents. In the new munitions factories employers are co-operating by erecting first aid buildings with trained officials and nurses available, so that there should be fewer lost-time accidents through infection. Industrial statistics during the last war indicate that both fatal and non-fatal accidents during the period of munitions production in Ontario were higher in proportion to the numbers employed than at present.

Adequate provision for sanitation proved a problem in older factory buildings where the number of employees has doubled or trebled. Additional facilities are being installed, but many plants will have to make greater efforts in order to meet the requirements of the Factory, Shop and Office Building Act.

New chemical processes are being introduced in the production of modern weapons of war, and unless controlled would lead to increased industrial diseases. The Industrial Hygiene Division of the Department of Health continued to give valuable aid in an effort to curb the hazard and our appreciation is again expressed to the officials for their assistance.

The need for night shifts for female help increased in factories engaged in the production of war materials. In ordinary domestic manufacturing the employment of women all night is prohibited. As explained in the annual report for 1940, a special committee within the Department of Labour was appointed by the Minister with authority to grant concessions for night shifts for female workers where it could be shown that the work was definitely for the prosecution of the war. The committee favours a three short-shift system wherever possible instead of two long shifts, but this can not always be arranged owing to shortage of labour for the purpose. Approval is not given for shifts in excess of ten hours. Many employers have made provision for two short rest periods during each shift, in addition to the one hour lunch period, and this system is to be commended.

The statistical record shows a large increase in the number of employed persons, both male and female, and the numbers will be further increased when the munitions plants at present under construction are put into service.

No cases of child labour were reported by the inspectors but numerous inquiries were received as to whether the employment of children would be conceded, and the answer was always in the negative.

The number of homeworkers in receipt of permits decreased slightly, no doubt due to the increased demand for factory help which has been the means of absorbing

married women who otherwise would have been doing homework to augment the family income. Overtime permits were also fewer in number, the necessity for these having diminished owing to continuous factory operations twenty-four hours per day on war work. During the fiscal year it was found necessary to institute proceedings against forty employers in different parts of the Province for violations of section 29 of the Factory, Shop and Office Building Act, which controls the hours of labour for women, of section 11, which requires employers to keep a register of all youths and females employed, and of section 69 covering the hours during which men may be employed in bakeshops. In thirty-nine cases convictions were recorded and one case was dismissed.

The Composite Inspection Staff, in addition to enforcing the Factory, Shop and Office Building Act, assists in the enforcement of other Acts within the jurisdiction of the Department of Labour, and the results of efforts in this respect are shown in the general report. Assistance is also given in the enforcement of the Adolescent School Attendance Act, and an inspection is made every year in each of the institutions controlled by the Provincial Secretary's Department for the purpose of having all machinery properly guarded for the safety of the inmates.

CAISSON WORK

Co-operation has been extended our inspector of caisson work by the construction industry, particularly by contractors on large projects. On the largest jobs under way, namely, the Niagara Gorge Bridge, the Grand River Conservation Dam and the Hydro-Electric Development at Madawaska, no serious accident occurred during the year under review. Difficulty still exists in obtaining full co-operation from smaller contractors and on small bridge work and sewer jobs, and continual visits are necessary to educate contractors to a recognition of the hazards from cave-in and the necessity for proper precaution at all times.

Disregard of a known hazard by a small contractor was responsible for the death of two workmen by carbon dioxide gas while excavating in an old garbage dump and two firemen were overcome in the rescue attempt. Three men lost their lives on sewer construction projects in Toronto, London and St. Catharines respectively, when consistency of banks was underestimated and men were caught in the cave-ins. No accidents occurred on three tunnel contracts visited during the year. Unsafe practices in the storage of dynamite on a sewer job in a suburb of Toronto resulted in an explosion which killed one man and seriously injured several others.

The construction of numerous air fields and munition plants throughout Ontario necessitated extensive sewer and drainage work under rush orders. Frequent visits by our caisson inspector, together with continual education as to safe practices in order that no accident would deter our war effort were undoubtedly factors in the very few accidents on this work.

PLANS FOR BUILDINGS

The Examiner of Reports and Designs reports that 867 plans for new buildings and for additions and alterations to factories, shops and office buildings were approved during the fiscal year. The total estimated construction cost amounted to $29,438,300, representing an increase of 138 per cent over the cost of $12,330,270 for 484 buildings approved during the previous fiscal period.

The accompanying table shows the distribution of building projects among the varied industries or trades of this Province. The metals group accounted for 54.08 per cent of the total expansions and included the numerous factories for the production of weapons, armoured vehicles, shells, steel plate, etc., in addition to the many foundries and machine shops which supplement the foregoing to produce the necessary metal products for military as well as civilian needs.

CLASSIFICATION OF APPROVED BUILDING PLANS

Trade or Industry	Number of Plans	Value of Buildings	Percentage of Total Value
Bakeshops	4	34,000	.11
Chemicals	245	3,798,855	12.87
Clay, glass and stone	24	288,225	.98
Clothing	18	91,235	.31
Conveyances	27	2,372,200	8.06
Food	79	1,744,920	5.93
Garages	20	134,560	.45
Laundries and cleaners	13	67,600	.23
Leather	5	17,200	.06
Lumbering	6	53,500	.18
Metals	223	15,903,810	54.08
Offices	15	1,675,925	5.72
Paper trades	18	482,900	1.63
Printing and publishing	12	527,800	1.78
Rubber	14	369,650	1.25
Shops	1	25,000	.08
Textiles	35	672,275	2.28
Tobacco	38	509,840	1.72
Warehouses	30	304,550	1.03
Wholesale	8	130,500	.45
Woodworking	21	154,455	.53
Unclassified	11	79,300	.27
Totals	867	$29,438,300	100.00

The chemical industry showed the second largest expansion, due mainly to new explosive manufacturing factories. With a single exception, the explosive plants are of a temporary type. However, good engineering design to obtain structural stability has been adhered to throughout. Many chemicals never before manufactured here have required particular study, and the Examiner of Plans visited a number of United States factories to obtain detailed information on health and safety hazards.

Our acceptance of welded structural steel, when designed and fabricated under clearly defined supervision, was acclaimed by the Canadian Institute of Steel Construction as being one of the most significant developments in 1940 for the steel industry. Two factories were erected using this type of construction.

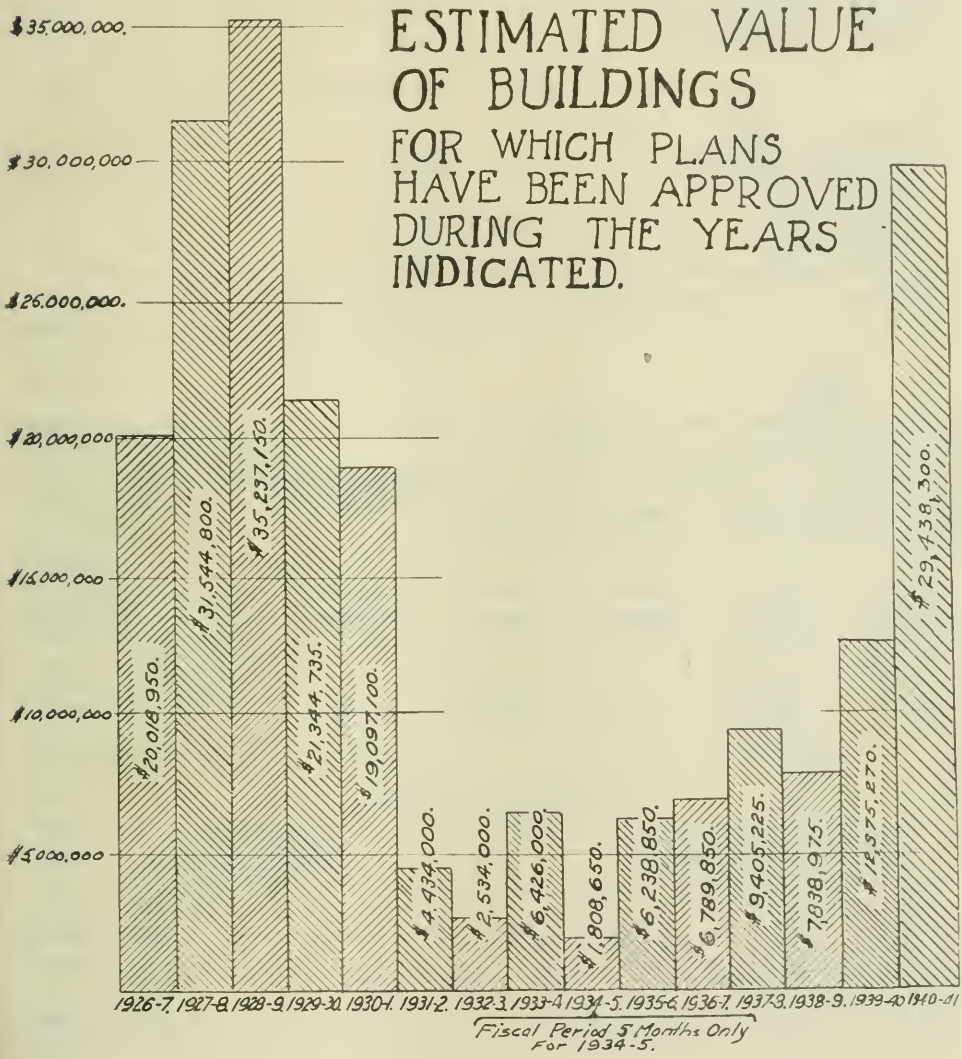
We have adhered to our policy of approving windowless factories only when the processes require very high humidity or a complete absence of light. Approval was given to two factories of this type but was not given to any shops or offices.

In addition to 567 office interviews, the Examiner of Reports and Designs made 104 field inspections to facilitate approval of building plans and to make advisory reports on structural stability, exit facilities and other requirements of the Act.

Very complete first aid and physical examination facilities have been provided in all the new plants with the necessary equipment and floor space being based on the number of employees. If both sexes are employed, privacy has been made a consideration.

Engineering requirements of new buildings not erected in municipalities with a building by-law have been based on the recommendations of the National Building Code and Canadian Engineering Standards Association.

The total annual values of new approved projects for each of the past fifteen years are shown in the accompanying diagram.


ESTIMATED VALUE OF BUILDINGS
FOR WHICH PLANS HAVE BEEN APPROVED DURING THE YEARS INDICATED.
$35,000,000.
$30,000,000
$25,000,000.
$20,000,000
$15,000,000
$10,000,000
$5,000,000
$20,018,950.
$31,544,800.
$35,237,150.
$21,344,735.
$19,097,100.
$4,434,000.
$2,534,000.
$6,426,000.
$1,808,650.
$6,238,850.
$6,789,850.
$9,405,225.
$7,038,975.
$12,575,270.
$29,438,300.
1926-7. 1927-8. 1928-9. 1929-30. 1930-1. 1931-2. 1932-3. 1933-4. 1934-5. 1935-6. 1936-7. 1937-8. 1938-9. 1939-40. 1940-41
Fiscal Period 5 Months Only For 1934-5.

The following is the distribution of the services rendered by the inspectors of the Composite Inspection Branch:
Factory Inspection Branch :

	1940		1941	
First inspections	15,320		15,750	
Second inspections	3,323		4,785	
Visits re homeworkers	1,975		1,901	
Visits re Exhibition	266		113	
		20,884		22,549
Minimum Wage	2,134		2,470	
Industrial Standards	1,554		1,106	
Apprenticeship	4,684		2,881	
Main Office	378		325	
Steam Boiler	1,734		2,236	
Operating Engineers	390		400	
		10,874		9,416
Totals		31,758		31,965

In addition there were investigations of accidents and the usual visits, office calls and conferences incidental to inspection.

Employees in the above industries, mercantile establishments and office buildings numbered 424,356, classified as follows;—

Fiscal years	Males over 16	Males 14-16	Females 14-18	Females over 18	Totals	Children under 14 dismissed
1940	241,500	6	104,203	335	346,044	0
1941	300,735	15	123,462	144	424,356	0

HOURS OF LABOUR

Male Workers					Female Workers				
45	50	54	58	60	45	50	54	58	60
105,222	83,058	23,873	14,654	33,864	47,067	40,121	11,044	6,096	9,666

Also 49,691 employees, male and female, were working approximately 50 hours per week.

The number of orders issued relating to various requirements of the Factory, Shop and Office Building Act totalled 6,229 as compared with 7,054 in 1940.

PERMITS

Applications for permits numbered 4,398 and were issued as follows :—

	Sections of Act	1940	1941
Double Shift	31	236	189
Overtime	30	2,406	2,005
Bakeshop	69	70	69
Fruit Camps	36	27	27
Homework : Workers	49	1,975	1,901
Employers	49	168	207
Totals		4,882	4,398

COMPLAINTS

One hundred and ninety-nine complaints were received during the fiscal year. Upon investigation 118 were upheld, 78 were not upheld and 3 were not under the jurisdiction of this Branch. Some investigations covered more than one complaint. Subjects of complaints were as follows :—

	1940	1941
Long hours	46	67
Working without permit	8	20
Working without double shift permit	—	1
Working without homework permit	—	1
Ventilation	1	3
Fire exits	7	5
Fumes	1	7
Long hours for bakers	—	9
Elevators	3	7
Toilet accommodation	5	13
Child labour	—	5
Dust	3	7
Half hour lunch period	—	1
Sanitation	5	2
Heat	6	17
Vibration from machinery	—	1
Wages	—	5
Guarding of machinery	3	—
Noise of machinery	5	5
Miscellaneous	20	19
Sunday work	3	—
Use of benzol	—	1
Light	—	1
Gasoline hazards	1	—
Spray booth	1	2
Totals	118	199

EXPLOSIONS

Explosions reported during the year totalled 29, of which 21 caused injury to employees and 8 caused no injuries.

Explosions causing injuries :—

April 22, 1940	Steam iron exploded.
May 4	Gasoline tank exploded during welding operations.
May 7	Explosion in gas fired oven.
May 22	Combustion explosion in dutch oven.
May 31	Gas explosion in drum being repaired.
August 15	Fuel tank exploded.
October 4	Carbonic gas cylinder exploded.
October 8	Ammonia compressor exploded.
October 16	Combustion explosion in automatic oil burner.
November 9	Acid on soldering iron exploded.
November 18	Cordite exploded in cylinder.
December 17	Heating cyanide in pot over forge, explosion came from under pot.
	Tube blew inside boiler.
December 19	Liquid ammonia container exploded.
February 6, 1941	Pan of wet alloy dumped into furnace caused explosion.
February 10	Heated wax and benzine in container flashed.
March 7	Bottle of water through which was passing hydrogen chloride under pressure burst in plant.
March 4	Gas torch exploded from combustion.
	Cyanide exploded in container.
March 5	Damp fire-clay exploded hot metal.
March 21	Explosion in air line.

Explosions causing no injuries :—

April 25	Hot metal caused explosion in water trends.
August 13	Tire mould exploded.
	Ammonia compressor fractured.
October 29	Fumes in Japan oven exploded.
November 1	Hydropneumatic tank exploded.
November 30	Boiler exploded.
January 27, 1941	Coal gas exploded in boiler firebox.
February 28	Combustion explosion in oil burner.

VIOLATIONS

Violations of the Acts in the enforcement of which the inspectors have a responsibility were reported as follows :—

	1940	1941
Minimum Wage Act	1,334	858
Operating Engineers Act	6	37
Adolescent School Attendance Act	3	62
Steam Boiler Act	1	3
Totals	1,344	960

PROSECUTIONS

Under the Factory, Shop and Office Building Act proceedings were taken against 40 firms. Convictions were recorded in 39 cases and one case was dismissed, as follows:—

Re employment of females after 12 o'clock midnight	Section 29—37 convictions 1 case dismissed
Re keeping of register	Section 11--1 conviction
Re hours of bakers	Section 69--1 conviction

ACCIDENTS

During the year 6,365 accidents were reported to the Factory Inspection Branch as compared with 3,481 reported in 1940, and 55 were fatal as compared with 22 the previous year. Fatalities were due to:—

Belts, pulleys and shafting	1
Burns and scalds	12
Cranes and derricks	2
Dies	1
Electricity	2
Elevators	5
Explosions	5
Falls	5
Falling substances	5
Fumes	2
Heat prostration	1
Industrial diseases	2
Jammed between two articles	3
Miscellaneous causes	4
Planer	1
Press	1
Trucking	3
Total	55

PROVINCE OF ONTARIO
Summary of Accidents

Cause of Injury	Head and Face				Upper Extremities								Trunk						
	Face	Head	Eyes	Ears	Hand	Fingers	Thumb	Arm	Shoulder	Wrist	Elbow	Other	Ribs	Thigh	Back	Stomach	Chest	Side	Hips
Burns and scalds	5		29	1	26	8	4	19	1	12	3	4		1	1	1		1	
Cranes and derricks	1	2				4		1	1	2	1								1
Elevators		4			2	1	1	1				3	1						
Electricity		1	1		1							1	1						
Engines and cars						1													
Explosions	1	2						1			1								
Falling substances	6	43	5	3	32	69	14	15	13	7	4	7	7	1	10	1	10	3	2
Falls	3	22	1		22	14	6	27	31	37	19	38	53	5	54	2	11	19	9
Flying missiles	14	7	69	3	9	12	6	6	3	3		4	3	2	2		9	3	
Foreign substances in eyes			366																
Hand tools	4		3	1	11	32	12	1	1	2	1	1	2			1	2	1	
Hooks, chains, cables	1	2	1		3	6	1												
Infected wounds			5	2	82	202	55	7		11	6	9	1		1				
Jammed between articles		1			49	227	60	5	1	3	1	5	4	2	2		2		1
Sprains and strains	1		1		9	9	5	10	22	28	2	32		5	155	2	11	50	7
Machinery and Connections: Rolls					9	24	7	4			2					1			
Gears, cogs, sprockets					3	14	2						1						
Belts, pulleys, shafting		3			10	19	2	7		3	2	2		1	2				
Saws	1				13	50	20	2		2		1							1
Planer					2	5	2							1					
Drill		1	2	1	8	16	11	1		1		1	1		1		1	2	
Milling Machinery					2	10	3				2	1							
Shears						20	3			1	2	1		1	1		2		
Emery wheel			1		4	7	3				1								
Press		2			15	83	17	6	1	3		2			1			1	
Punch					1	21	7	2											
Dies			2		1	12	3	2	1			2							
Barker					2	4	1					1							
Calender						5	1												
Cutter knives					3	16	3			1									
Conveyers	1	2	1		1	4	1	2			1					1	1	2	
Hammers	1		1		6	7	8					1							
Jointers			1			1													
Loom					1	2	3	1		1							1		
Centrifugal machinery		3	1		2	1		2					1						1
Paper machinery	1		1		3	7	1			1			1					1	
Spinning machinery			1		4	6	3	1					1						
Winders					2	3	1												1
Grinding wheels			2		3	24	7					1							
Lathes					3	18	5	1											
Machinery connections	2	2	2		16	42	22	5	1	2	1		1					1	1
Wiredrawing, etc.	1		1			7	1					1							
Trucking	3	1			10	18	5	3		4	5	4	9	1	6		3	7	2
Other machinery	2	2	1	1	17	64	15	6	1	3	2	3	2		1	1	2		
Miscellaneous causes	5	15	11	2	85	194	42	35	2	16	28	36	12	4	7	1	4	4	4
Spoolers						1													
Industrial disease	2	1	1		9	4		2		1		29				1	1		
Heat Prostration												2							
Fumes												4							
Totals	55	116	510	14	481	1294	363	175	79	144	84	196	101	24	244	12	60	95	30

FACTORY INSPECTION BRANCH
for the Fiscal Year 1941

Trunk		Lower Extremities								Class of Industry														
Groin	Abdomen	Legs	Foot	Toes	Knee	Ankle	Multiple	FATAL	TOTALS	Pulp and Paper Trades	Metal Trades	Rubber and Rubber Goods	Textiles	Food	Lumber	Laundries	Chemicals	Conveyances, etc.	Transportation	Clay, Glass and Stone	Unclassified Trades	Leather Goods	Woodworking	Wearing Apparel
	1	17	45	3	5	14	109	12	322	26	189	10	6	12	8		15	9	5	27	10	4	1	
		1	5	2	1		4	2	28	3	24									1				
1		1	8	3			3	5	34	3	5	3	8	5	1						8			1
							5	2	12	3	6	1		1							1			
									1														1	
		1					21	5	32	1	11			2			11	2	2		1	1		1
3	3	48	345	337	13	26	41	5	1 73	145	577	27	20	11	43		21	45	10	96	54	4	17	3
5	3	41	24	13	60	41	118	5	683	113	258	10	27	29	38	1	23	20	8	60	65	11	9	11
	3	5	7		4	3	9		186	17	93	7	10	9	10		4	4	1	14	15	1	1	
									366	30	254	9	13	15	2		1	8		18	13	2	1	
		3	11	2	6	1	3		101	25	36	3	1	4	12	1	2	1		5	3	2	5	1
		3	3		2	1			23	1	14				6								1	1
1		11	9		2	2	3		409	25	224	14	15	17	7	1	5	21	2	21	13	4	9	31
	5	13	23	7	1	6	14	3	435	47	233	9	8	18	19	1	3	31	5	28	21	4	8	
27	19	9	12		31	72	7		526	39	234	20	17	22	24	3	12	12	4	47	32		5	5
		2	2				4		55	19	13	4	5	2	2	1				3	3	1	2	
				1		1			22	2	8		6	3				1		1		1		
		2	1	1	1		7	1	64	11	17	3	16	3	1			2		4	2	2	3	
		2	2	1	1		6		102	8	33	2		3	24		1	3	2	4	7	1	14	
		1					1	1	13	2	9		1								1			
	1	1		1	2				52	1	38	2						3	1	1	2	3	1	
									18		14	2		1						1				
							1		32		28						1				1			2
		1			1				18		16	1						1						
	1	2	1		1		1	1	138	18	90	1	1	1		2	1	10	2		6	2		4
									31		26	1	1					1			1			1
							2	1	26	1	22	1							1			1		
	1								9	6					1						2			
				1					7	6			1											
		1			1				25	6	4	1	2	2	1			1			2	1	1	4
1	1	3	4		1		2		29	7	11	1		2	1			2		2		1	2	
		1			3		2		30	1	23	1	1	1			1	1		1				
									2						1				1					
									9				9											
							2		13	1	8	1	1				1				1			
					1		1		18	16	1				1									
		1							17	1	11	3	2											
							1		8	1	4	1	1								1			
				1			1		39	2	31	1						2		1	1	1		
			1	1			1		30		24	1	3					1					1	
		4		3	1		7		113	12	55	8	10	9	3		1	3		3	3	1	2	3
						1			12	1	10										1			
4	3	24	31	39	10	7	16	3	218	35	96	5	7	2	10		10	13	5	15	13		6	1
		5	6	3	3	3	8		151	16	77	5	12	6	5		4	3		3	4	8	2	6
	1	40	83	26	42	13	31	4	747	130	316	18	32	40	17	1	18	15	5	58	64	7	14	12
									1		1													
		2					21	2	76	5	24	5	3	3	2		7	2	1	15	5	3	1	
								1	3		2										1			
								2	6	1							4			1				
42	42	245	623	445	193	191	452	55	6365	837	3170	181	239	223	239	11	146	217	55	430	357	66	107	87

BOARD OF EXAMINERS OF OPERATING ENGINEERS

CHAIRMAN : JOHN SHARP

MEMBERS OF THE BOARD : W. J. SCOTT, S. G. ROSE

In accordance with section 2, paragraph 3, of the Operating Engineers Act, the Board presents the thirty-second annual report for the fiscal year ending March 31, 1941.

The Board reports a very satisfactory year, as shown in the revenue statement attached hereto. The net revenue of $28,225.91 was an increase of ten per cent above the previous year. The number of examinations conducted by the Board was 1,897, an increase of ten per cent and indicates a steady and natural development in the engineering profession due to expanding industrial activities. Eighty-four applications for examinations were refused, because of insufficient operating experience as required by the regulations.

The percentage of candidates who wrote examinations and failed to obtain the required marks to pass shows an increase of seven per cent over the previous year. This increase is attributable to insufficient study and preparation on the part of the candidates, as no changes were made in the standard of examinations.

The revenue derived from the sale of engineering text books issued by the Department shows a steady increase, indicating that the books have a definite educational value both for the beginner and the advanced operating engineer.

While no contemplated changes in the Act or regulations have been approved, several resolutions have been presented to the Board by engineering groups for discussion. The resolutions propose changes which would increase the scope of the Act by including equipment now exempted.

The Board has reviewed and adjusted satisfactorily 447 cases of infractions of the Act during the year, and carried over 65 cases in the process of adjustment.

In conclusion, the Board wishes to express appreciation of, and to acknowledge with thanks the assistance and support given this Branch by engineering groups, individual engineers and plant owners, and by the Composite Inspection Branch of the Department of Labour in the successful administration of the Operating Engineers Act.

REPORT OF REVENUE FOR FISCAL YEAR 1941

Fees Collected for :	
Examinations, re-examinations, renewals, provisionals, duplicates and penalty renewal fees	$ 25,999.53
Plant registration	367.00
Revenue by :	
Certificates	$ 26,366.53
Sale of text books	2,459.50
Miscellaneous	9.88
Gross revenue	$ 28,835.91
Total refunds	610.00
Net revenue	$ 28,225.91

Monies refunded on :	
Examinations, renewals, penalty renewal fees, plant registrations, miscellaneous	$ 588.00
Text books	22.00
Total refunds	$ 610.00

REPORT OF CERTIFICATES FOR FISCAL YEAR 1941

Number of certificates issued	16,954
Number of certificates refused	765

Certificates Issued							Certificates Refused
Class	By Examination	By Re-examination	Provisional	Duplicate	Renewals	Total	Refused
Compressor	56	7			192	255	21
5th class	99	14		1	412	526	56
4th class	501	46		4	4,741	5,292	210
3rd class	142	61	2	5	4,423	4,633	272
2nd class	41	28	1	1	2,018	2,089	133
1st class	3	2		1	272	278	22
Hoisting	92	2		6	1,874	1,974	29
Traction	51	3		3	1,094	1,151	22
Duplex	19	2			368	389	
Plant Registration						367	
Totals	1,004	165	3	21	15,394	16,954	765

Grand Total of Certificates Issued 16,954

REPORT OF EXAMINATIONS HELD FOR FISCAL YEAR 1941

Number of candidates examined at Toronto	937
Number of candidates examined at other centres	960
Total number of candidates examined	1,897

Class	At Toronto	At other centres	Total
Compressor	6	40	46
5th class	55	76	131
4th class	376	388	764
3rd class	270	222	492
2nd class	90	111	201
1st class	24	9	33
Hoisting	73	61	134
Traction	43	53	96
Totals	937	960	1,897

Examinations were held at outside centres as follows :—

	Number of Examinations	Number of Candidates		Number of Examinations	Number of Candidates
Brantford	2	24	North Bay	2	16
Belleville	2	28	Ottawa	2	61
Brockville	2	15	Owen Sound	2	15
Chatham	3	24	Orillia	1	6
Cornwall	2	14	Palmerston	2	16
Fort William and Port Arthur	2	45	Parry Sound	1	8
Fort Frances	2	18	Peterborough	2	22
Guelph	2	5	Renfrew	2	10
Haileybury	2	17	Sault Ste. Marie	1	27
Hamilton	3	72	Sioux Lookout	2	6
Kapuskasing	2	26	Sudbury	3	66
Kenora	2	13	Sarnia	2	9
Kirkland Lake	2	21	St. Catharines	3	54
Kingston	2	19	Stratford	1	5
Kitchener	2	22	Timmins	2	47
London	2	60	Windsor	3	93
Niagara Falls	3	34	Other Centres	4	42

Total at Outside Centres	72	960
Total at Toronto		937
Total during fiscal year		1,897

BOILER INSPECTION BRANCH

CHIEF INSPECTOR, DEPARTMENT OF LABOUR—J. R. PRAIN

EXAMINER OF REPORTS AND DESIGNS—J. N. BRIGGS

A survey of the work performed by the Boiler Inspection Branch for the fiscal year 1941 indicates the most interesting and progressive development in the history of the Branch. The broader scope of operations necessitated the appointment of additional inspectors and the establishment of new outside inspection centres. At present sixteen inspectors reporting direct to the Boiler Inspection Branch are operating from eight centres throughout the Province in addition to headquarters at Toronto. These inspectors are authorized for the purpose of enforcing the Steam Boiler Act and section 56 of the Factory, Shop and Office Building Act.

The Order-in-Council approved in December 1938, which assigned to this Branch the responsibility of inspecting uninsured boilers and pressure vessels, has had the desired effect of bringing such inspections under competent authority, and thus providing a greater measure of safety. Inspections are now being made by qualified inspectors and their reports are scrutinized by responsible officials assigned for this purpose. Decisions relative to pressure, installation, operation and repairs are arrived at in accordance with regulations provided for pursuant to the Steam Boiler Act.

Twenty-seven months of operation under this new system of annual inspections, from January 1939 to March 1941 inclusive, resulted in 9,842 such inspections, from which a total revenue of $26,358.70 was derived. The above total of inspections does not include the 292 vessels condemned or the vast number of boilers and pressure vessels classified under extensive repairs or change of ownership and location. Conditions such as these, found during the process of annual inspections, automatically bring the vessels within the jurisdiction of the Steam Boiler Act, and they are entered in the records of work performed under this Act.

One effect of wartime conditions has been an incessant demand upon the inspectors to cope with the increasing volume of new construction in manufacturers' shops and in the field. The number of inspections of new pressure vessels during the year showed an increase of 103 per cent as compared with 1940, and the number of surveys of designs and plans of power plant installations an increase of 42 per cent. Compared with previous years there was a noticeable increase in installations of boilers of the water tube type operating at moderate pressures, and of unfired pressure vessels, due to their comparative high operating pressures, which range from 4,000 to 5,000 pounds per square inch. Practically all these installations were in plants engaged on munitions.

The Code of the Canadian Engineering Standards Association, which was approved for Ontario by Order-in-Council dated January 1940, has been officially adopted in all provinces with the exception of British Columbia, which has not yet signified its intention, and the Maritime Provinces, which have no boiler laws. These regulations have been received favourably by manufacturers generally, as they provide adequate measures for designing and constructing pressure equipment in keeping with present day trends, particularly in regard to welding.

A prominent place of importance is given in the Code to the subject of welding in the fabrication of boilers, pressure vessels and high pressure pipe installations. The Code outlines the fundamentals of good welding technique and procedures for qualification tests of welding processes and welding operators every six months. Any changes in the process, such as welding rods, machines, base metals and procedures, call for requalification. Once the process has been established, the same procedure is followed in qualifying the welding operator.

According to the Code requirements, the manufacturer is held responsible for the quality of the welds turned out by his organization and for any financial loss that might be incurred through the failure of defective welds. It is considered undesirable to place the responsibility upon the operator as he, through no fault of his own, might be compelled to disregard certain factors so essential in the production of good welds. For this reason certificates have not been issued to welders, although the question has been under consideration of the various Boiler Code Committees for the past several years. The fact of a welder being qualified for one manufacturer does not mean that he is qualified for another, in view of a possible change in the process in the new place of employment, which would warrant a requalification test. Examinations of welding processes and operators are usually conducted in the manufacturers' shops or in the field where the vessels are being erected. The full time of the inspectors assigned to such work is necessary in order to carry out these qualifying tests successfully.

It is pleasing to report that most manufacturers adhere strictly to the rules of the Code. Unfortunately, however, there are a few who attempt to evade the principles necessary for the production of sound and ductile welds, and inspectors have found it necessary to condemn newly constructed boilers and pressure vessels in which defects have been discovered in welded joints, as well as in vessels undergoing repairs by welding, and in high pressure steam pipe installations. The fact cannot be stressed too strongly that defects existing in welded joints of pressure vessels are definitely explosion hazards. This condition emphasizes the importance of strict surveillance by competent inspectors. Recent cases brought under review, in which defective welds were involved, verify the fact that competent inspection service is absolutely essential to safety.

The decided increase in the activities of the Boiler Inspection Branch during the fiscal year 1941 resulted in an increase of 62 per cent in the revenue of the Branch as compared with 1940, and an increase of 135 per cent as compared with 1939. The sum of $43,447.57 was transferred to the Treasurer of Ontario, which amount is an all-time high. A comparison between the two fiscal years, 1940 and 1941, is shown by the following figures, as well as a summary of the work of the Branch during the fiscal year 1941.

COMPARISON BETWEEN THE FISCAL YEARS 1940 AND 1941

	Fiscal Year 1940		Fiscal Year 1941	
	Number	Revenue derived	Number	Revenue derived
Designs surveyed	395	$3,120.50	561	$ 3,468.00
New pressure vessels inspected	888	4,440.00	1,804	10,966.00
Used pressure vessels inspected	912	4,620.00	966	5,233.50
Annual inspections	3,303	9,057.00	6,264	16,972.20
Certificates issued	5,562		8,140	
Monies transmitted to Treasurer of Ontario		$27,121.31		$43,447.57

SUMMARY OF WORK FOR FISCAL YEAR 1941

Drawings and specifications surveyed, registered and re-registered :

	Designs
Boilers	89
Pressure vessels	378
Accessories	43
Steam piping layouts	26
Special rulings—Boilers	1
Pressure vessels	24
Total	561

New pressure vessels inspected :

	Inspections
Boilers	862
Pressure vessels	924
Steam piping installations	18
Total	1,804

Used pressure vessels inspected :

	Inspections
Boilers	635
Pressure vessels	322
Steam piping installations	2
Annual inspections (Steam Boiler Act)	7
Total	966

Second and final inspections 3,054

Annual Inspections—Factory, Shop and Office Building Act :

Boilers	2,628
Pressure vessels	3,363
Total	6,264

Certificates issued :

Class A—new pressure vessels	1,166	
Class B—used pressure vessels	773	
Class C—heating boilers, low pressure	177	
Class D—new pressure vessels (accepted by affidavit)	1,600	
Class E—new boilers under 3 H.P.	31	
Duplicate	26	
		3,773
OA—Annual inspections (Factory, Shop and Office Building Act)		4,367
Total		8,140

Total amount of monies transmitted to the Treasurer of Ontario $43,447.57.

MEDIATION, CONCILIATION AND ARBITRATION

CHIEF CONCILIATION OFFICER : LOUIS FINE

It has become increasingly important that prompt service should be rendered in avoiding and settling industrial disputes in order to ensure continuity of production of war materials.

With the exception of those dealt with pursuant to the Industrial Disputes Investigation Act, the Department of Labour of Ontario was in contact with practically all industrial issues in the Province at the request of both employers and employees. This growing tendency on the part of both parties to make use of the mediation and arbitration services rendered by this Department before difficulties develop has been an important factor in the prompt settlement of disputes by conciliation or by reference of specific issues for arbitration. In many cases the maintenance of production was thus ensured.

Several strikes in the dairy industry in some of the larger cities of the Province were averted when matters of dispute were referred to the conciliation officer, thus avoiding a tie-up in the distribution of this essential commodity in most instances. A general strike in the fruit and produce industry was averted when the parties were assisted in arriving at an understanding and completing a working agreement. A large chain groceteria and several bakeries were other industries in the service and trade division in which assistance was rendered in bringing about agreements between employers and employees. A similar service was rendered in several hat plants and in various shoe centres in which the possibility of strikes was removed when agreements were drawn up.

A number of plants in Toronto faced the possibility of a general shut-down when they were unable to reach an understanding with their engineers. While there were only a few employed in each plant, there was a likelihood that some essential war industries would be tied-up by their walkout. Our officers were able to avoid a strike by bringing the parties together and completing an agreement.

The conciliation officers have acted as arbitrators in many industries, and by disposing of matters of dispute in this manner have prevented stoppages of work and assured employers and the thousands of employees concerned of continuity of operations. In connection with one arbitration case the conciliation officers were required to visit several American plants for the purpose of comparing methods of production. As a result a decision was rendered which proved highly satisfactory to the company and the employees involved.

In several instances employees were given the opportunity of voting freely on many complicated questions. These votes were supervised by our officers and in all cases strikes were prevented by this procedure.

The mediation and arbitration service has prevented numerous strikes in the automobile and associated industries, in the textile and clothing industry and in wooden box factories which are engaged in essential war work, as well as in a large transport company engaged in conveying war supplies. In bringing about quick settlements the Department assisted in avoiding the establishment of costly boards and the unrest which occurs when disputes are not disposed of promptly.

DOMINION-PROVINCIAL TRAINING PROGRAMME

YOUTH TRAINING PROGRAMME

Under the Dominion-Provincial Youth Training Programme 4,097 persons received training in various trades during the fiscal year, of whom 1,899 were placed in civilian employment, 877 enlisted in the Royal Canadian Air Force and 1,139 were still in training at the end of the year. In addition 75 men were given refresher courses, and 59 of them were placed in employment in industry.

The chief courses provided were aircraft mechanics with 1,543 trainees, welding 330, machine shop practice 308 and home service training 462. At the end of the year three of the four Home Service Training Schools at Preston, Windsor and Ottawa were closed and the Toronto School was closed a month later. The numbers of trainees in all these courses were higher than the previous year, especially in aircraft mechanics, where the increase was 1,337.

Early in the fiscal year a request was received from the Department of National Defence that the classes at the Aircraft Training School, Galt, be enlarged from 200 to 300 trainees. The city of Galt had already offered the use of an eight-roomed school for training purposes, so that it was possible to accommodate the hundred extra students and have them in training within one week.

As soon as the class of 300 commenced training, a second request was received, this time for an increase to 600 students. Since this training is of such great value to our national war effort, approval of this expansion was granted immediately and within twenty-four hours arrangements had been completed for the leasing of additional space and the purchase of the necessary equipment, and the 300 additional applicants for training had been notified to report at the school.

The results of this training have been most gratifying, as approximately 96 per cent of the boys were successful in passing their standard trade tests for enlistment in the Royal Canadian Air Force.

FARM SERVICE

Under the farm service project 999 trainees were placed on farms during the fiscal year, which number is two and one-half times the number placed the previous year, and 269 of those placed the previous year were still in training at the beginning of this year. The trainees were placed on year-round bases after one month's probation period with farmers who had undertaken to teach them farming, and they are considered to be in training for the first year on the farm. In addition, approximately 1,300 young men were placed on farms for the summer months indirectly through our summer campaign. A short course in agriculture was attended by 56 trainees, and three or four young men placed on farms a year ago are now enrolled in the regular courses at the Ontario Agricultural College.

YOUTH TRAINING PROGRAMME : FISCAL YEAR 1941

	Number in training at beginning of fiscal year	Number enrolled during year	Number placed	Number not completing course	Number in training at close of year
Learnership		25	25		
Welding	31	299	219	9	102
Machine Shop	40	268	146	15	147
Sheet Metal		102	97	5	
Woodworking		12	12		
Motor Mechanics		1	1		
Airframe		22	22		
Bricklaying		9	9		
Carpentry		15	15		
Home Service Training	93	369	334	105	23
Farm Service	269	999	999		269
Totals	433	2,121	1,879	134	541
Aircraft : R.C.A.F. Aircraft Training School, Galt	2	1,541	877 enlisted 20 placed	48	598
Grand Totals	435	3,662	2,776	182	1,139
Rehabilitation Agreement:					
Refresher Courses;					
Farm Service		3	3		
Industrial Training		69	53	16	
Refresher		3	3		
		75	59	16	

WAR EMERGENCY TRAINING PROGRAMME

During the first year of the war it became apparent that a shortage of skilled and semi-skilled help was imminent and that measures would have to be undertaken to alleviate the situation. Classes conducted under the Dominion-Provincial Youth Training Act had demonstrated effectively the value of the short intensive course in the training of young men for work in industry, and, therefore, in the summer of 1940 it was decided to widen the scope of the original Act to allow such classes to be conducted in the vocational schools. Order-in-council P. C. 4506 was passed, invoking the War Measures Act to overcome certain restrictions in the Youth Training Act and agreements thereunder. Funds were made available and special schedules were appended to all Youth Training Agreements to change the age limit from 18 to 30 to 16 to 60 and to revise the percentage of the Dominion contribution. It was stipulated that when training was given to a man over 30, it should be in the nature of a refresher course. Training was to be given 44 hours per week for a period of from 400 to 500 hours.

During July and August of 1940 these classes were carried on in most of the vocational schools in Ontario and at the Aircraft Training School at Galt. Mention should be made of the fact that the local authorities made available the facilities of the schools without charge. Instruction was given in the following subjects;—machine shop practice, bench fitting, aircraft manufacturing, sheet metal work, welding (arc and acetylene), woodworking, motor mechanics, electricity and power sewing machine operating (to women). A small percentage of time was devoted to related work, such as blue-print reading and shop mechanics. For the most part trainees were selected from the locality immediately surrounding the school, and comparatively little was spent on subsistence allowances at that time.

In September arrangements were made to carry on this type of training in centres where there was a demand for skilled or semi-skilled workers. The hours of instruction were from 3.30 or 4 p.m. until midnight and frequently a second shift was added from midnight until 8 in the morning. Conditions were changing and to compensate the trainees for their loss of time while taking a course of instruction, living allowances were paid at the rate of $7.00 per week for students boarding away from home and up to $3.00 per week for students living at home.

Towards the end of the year many classes of army tradesmen were placed in the schools for instruction in the various trades pertaining to the army.

As a result of the report of a special Dominion Inter-Departmental Committee on Labour Co-Ordination which was issued on December 28, 1940, it was decided to expand the War Emergency Training Programme. Additional funds were made available and certain changes made in the schedule of the Youth Training Agreements. Thereafter, all things being equal, preference in the selection of trainees was to be as follows;—

(a) Veterans of the 1914-18 war and those discharged from active service of His Majesty's Armed Forces engaged in the present war;

(b) Men over 40 years of age;

(c) Women and other men over 16 years of age.

Weekly allowances were increased, as follows;—

(a) To heads of families $12.00;

(b) To unmarried trainees living away from home $7.00, except in those cases where board and lodging could not be obtained at that rate, when up to a maximum of $9.00 might be paid;

(c) Single trainees living at home not to receive any allowances, except;

1. Where they had given up employment to attend a class, or
2. Where there was financial need, in such cases the maximum weekly allowance to be $3.00.

The standard length of courses was set at twelve weeks but certain variations were allowed for special courses. Travelling expenses of trainees to the school and return to their homes or to employment were chargeable to the Programme. A certificate was to be issued to each trainee who completed his course satisfactorily. New courses were authorized in industrial chemistry, radio mechanics, tool room improvers and fine instrument repair.

For Ontario an Inter-Departmental Committee was set up to direct the Programme in this Province. The Committee consisted of the Hon. N. O. Hipel, Minister of Labour, Chairman; Hon. Duncan McArthur, Minister of Education; Dr. G. F. Rogers, Deputy Minister of Education; Mr. J. F. Marsh, Deputy Minister of Labour; Mr. F. S. Rutherford, Director of Vocational Education. A Regional Director to administer the Programme and the necessary office staff and field representatives were appointed.

During the fiscal year 18,395 students received training in the following cities;—Belleville, Brantford, Chatham, Cornwall, Fort William, Galt, Hamilton, Kingston, Kirkand Lake, Kitchener, London, Niagara Falls, North Bay, Oshawa, Ottawa, Owen Sound, Peterborough, Port Arthur, Sarnia, St. Catharines, St. Thomas, Toronto, Welland, Windsor, Weston and Woodstock. While a number of unsponsored classes were maintained to take care of the requirements of the small industries, every effort was made to enlist the co-operation of the large firms in designing courses of study for groups of trainees on the understanding that, when such students had completed their course satisfactorily, they would be absorbed directly into the plant concerned. At all times close contact was maintained between the training centre and industry. Through the joint co-operative efforts of the officials of the school, the field representatives and the Employment Service of Canada, the labour requirements of industry were ascertained and the need supplied wherever possible.

WAR EMERGENCY TRAINING PROGRAMME : FISCAL YEAR 1941

INDUSTRIAL CLASSES

Number of students who completed their training and were placed in employment	8,984
Number of students who completed their training and enlisted	118
Number of students who did not complete their training	2,490
Number of students who completed their training but did not report themselves placed	1,986
Number of students in training at end of fiscal year	4,817
Total number of students enrolled during year	18,395

ARMY CLASSES

Number in training at end of fiscal year	1,159

INDUSTRY AND LABOUR BOARD

E. J. YOUNG—CHAIRMAN
MARY F. MANGAN—VICE-CHAIRMAN J. C. ADAMS—SECRETARY

The Industry and Labour Board administers the Industrial Standards Act, the Apprenticeship Act, the Minimum Wage Act and any other Act that may be assigned to it by the Lieutenant-Governor in Council.

INDUSTRIAL STANDARDS BRANCH

Under the Industrial Standards Act thirteen conferences were held during the fiscal year. Twelve of these conferences resulted in schedules, all of which were approved and are now in effect. Six of these were new schedules and the other six were renewals.

During the year one schedule, Toronto Painting, was revoked, and two schedules, Toronto Jewellery and Timmins-Cochrane Logging, expired and were not renewed.

The following schedules were in effect at the end of the fiscal year, March 31, 1941 : total 100:—

(a) Schedules covering local zones

Barbering	59
Bricklaying and stonemasonry	1
Bricklaying, stonemasonry and plastering	1
Building industry	1
Carpentry	11
Common labourers	2
Electrical repair and construction	4
Painting and decorating	3
Plastering	2
Plumbing and heating	5
Logging	1
Baking	1
Coal	1
Coal hoisting	1
Taxicab	1
Soft furniture	1
Gasoline service	1

(b) Schedules covering entire Province

Brewing	1
Ladies' cloak and suit	1
Hard furniture	1
Men's and boys' clothing	1
Total	100

ARREARS OF WAGES—FISCAL YEAR 1941

	Number of employers affected	Number of employees affected	Amount of arrears
Arrears of wages collected through Trust Account	120	468	$7,997.21
Arrears of wages paid direct to employees after investigation by the Industrial Standards Branch	11	78	$1,396.82
Totals	131	546	$9,394.03

NOTE—Included in the total of $7,997.21 collected through Trust Account is the sum of $556.25 which, with the approval of the Industry and Labour Board, was diverted to the Crown.

COURT PROCEEDINGS—FISCAL YEAR 1941

Industry	Prosecutions	Convictions	Withdrawn	Dismissed	Still in Court	Fines
Barbering	57	49	2	6	—	$490.00
Building	2	2	—	—	—	50.00
Common labourers	1	1	—	—	—	25.00
Carpentry	12	9	1	2	—	150.00
Cloak and suit	28	21	3	4	—	205.00
Electrical	3	1	—	—	2	25.00
Men's and boys' clothing	21	—	13	—	8	———
Painting and decorating	9	8	1	—	—	85.00
Plastering	2	2	—	—	—	10.00
Plumbing and heating	1	1	—	—	—	25.00
Soft furniture	12	7	5	—	—	175.00
Violations of regulations	7	6	—	1	—	21.00
Totals	155	107	25	13	10	$1,261.00

APPRENTICESHIP BRANCH

DIRECTOR OF APPRENTICESHIP—FRED J. HAWES

DISTRICT INSPECTORS

J. R. JOHNSON, OTTAWA; WALTER THORNE, TORONTO

Canada's war effort has had a marked effect upon the apprenticeship system of Ontario during the past two years. The enlistment of youths between the ages of 19 and 21 years has doubtless been a factor in the decrease in the numbers undertaking contracts of apprenticeship, since the same types of young men are required for apprenticeship training as for military training. Moreover, 155 apprentices from all of the designated trades have enlisted and are serving in all three branches of the Service. Their contracts are being held in abeyance until their return to civilian life. In addition, 441 holders of certificates of qualification in the motor vehicle repair trade and 70 in the barbering and hairdressing trades are now on active service, and their certificates are being kept in good standing without charge. As certificates of qualification are not issued in the building industry, we have no record of the enlistment of journeymen in these trades.

The apprenticeship system has made a valuable contribution to Canada's war effort, as those who have completed their training under the system are able on enlistment to render greater service to the country. Cetificates of the Apprenticeship Branch are being recognized by the military authorities and holders of these certificates frequently qualify more rapidly for promotion in certain branches of the Service, or they receive higher rates of pay because of their skill.

There was a decrease in the number of apprentices registering during the year. Intense activity in the production of armaments and all war supplies has opened up so many opportunities for youths leaving school that comparatively few are anxious to become apprentices in the motor vehicle repair trade, and there is difficulty in finding acceptable candidates for all the openings. Then too, because of the high standard of work of apprentices in this trade, they have been in demand for munitions and other factory work, for which higher wages are paid, with the result that there have been more cancellations of contracts of apprenticeship during the past two years than under ordinary circumstances. In the barbering and hairdressing trades also there has been a decrease in the numbers of apprentices, because of greater inducements in other lines of work.

The value of the apprenticeship system has been recognized by employers in trades that do not come within the scope of the Apprenticeship Act. There is a great demand for mechanics and employers are finding it necessary to train their young employees in order to keep up the supply of skilled workers for their own needs. Many such employers have made enquiries during the year concerning apprenticeship, and this Branch has assisted them to enter contracts of apprenticeship outside the indentured trades.

The regular work of the Apprenticeship Branch was carried on as usual. Wherever possible arrangements were made for evening classes for apprentices during the fall and winter months in technical and vocational schools. Some technical schools charge tuition fees to non-resident students attending these classes. In the case of the building trades these fees are taken care of by the Department of Education and the assessment fund of the Apprenticeship Branch. First and second year apprentices in carpentry and bricklaying, who wished to do so, were permitted to attend the full-time classes in these trades conducted under the Dominion-Provincial Youth Training Programme.

Due to the efforts of this Branch, hairdressing schools have been brought to a greater degree of efficiency and larger numbers of students coming from these schools are acceptable as competent operators without being required to take further instruction in the capacity of apprentices.

During the year special duties were assigned to members of this Branch, who were called upon to assist in promoting the War Emergency Training Programme. This extra work was undertaken gladly, as the opportunity for making this contribution to our great war effort was appreciated. Considerable outside work of a special nature was undertaken by the Director in addition to the work carried on by the two inspectors attached to the Branch. Inspections made for the Apprenticeship Branch by members of the Composite Inspection Service numbered 2,881 during the year.

The assessment account of the Apprenticeship Branch showed a balance of $12,340.81 at the close of the fiscal year, or an increase of $487.86 as compared with 1940. The disbursements from the fund amounted to $95.00. This money was paid to cover the tuition fees of apprentices in the building trades who have attended night classes in their respective trades. Half of the amount is recoverable from the Department of Education, which shares equally with the assessment fund the cost of these student fees.

TABLE No. 1

REGISTRATION OF APPRENTICES BY TRADES
AS OF MARCH 31, 1941

Trade	Registrations		Cancellations		Completions		Active
	During Year	‡ Total	During Year	‡ Total	During Year	‡ Total	
Bricklaying	6	229	2	34	4	173	22
Masonry	—	14	—	6	—	8	—
Carpentry	23	293	2	41	14	191	61
Painting and Decorating	18	187	3	33	9	109	45
Plastering	2	135	—	19	1	101	13
Plumbing	32	697	8	173	21	421	103
Steamfitting	2	188	1	65	4	105	18
Sheet Metal Work	10	224	3	50	6	140	34
Electric Wiring and Instal.	38	423	6	87	23	234	102
Motor Vehicle Repair (a)	102	765	55	145	75	190	430
(b)	13	87	3	13	10	18	56
(c)	10	80	3	11	10	24	45
Hairdressing	141	890	68	165	220	367	358
Barbering	7	77	5	13	24	31	33
Total, 1941	404	4287	159	855	421	2112	1320
Total 1940	516	3883	147	696	294	1691	1496

‡ Total means a complete record since the trade became a designated trade under the Apprenticeship Act of 1928.

TABLE No. 2

DISTRIBUTION OF APPRENTICES BY TRADES
FOR FISCAL YEAR ENDING MARCH 31, 1941

Trade	First Year	Second Year	Third Year	Fourth Year	Fifth Year	Total
Bricklaying	5	7	1	9	—	22
Masonry	—	—	—	—	—	—
Carpentry	13	8	18	22	—	61
Painting and Decorating	7	11	11	16	—	45
Plastering	—	1	5	7	—	13
Plumbing	8	21	20	35	19	103
Steamfitting	1	4	2	8	3	18
Sheet Metal Work	7	7	5	15	—	34
Electric Wiring and Install.	21	21	25	35	—	102
Motor Vehicle Repair	30	44	100	118	239	531
Hairdressing	61	114	183	—	—	358
Barbering	1	6	26	—	—	33
	154	244	396	265	261	1320

TABLE No. 3

REGISTRATION OF APPRENTICES BY TRADES
FOR FISCAL YEAR ENDING MARCH 31, 1941

Trade	Active at beginning of year	Registration during year	Cancellation of Registration	Unsatisfactory Completions	Diplomas Awarded	Active at Close of Year
Bricklaying	22	6	2	—	4	22
Masonry	—	—	—	—	—	—
Carpentry	54	23	2	—	14	61
Painting and Decorating	39	18	3	—	9	45
Plastering	12	2	—	—	1	13
Plumbing	100	32	8	2	19	103
Steamfitting	21	2	1	—	4	18
Sheet Metal Work	33	10	3	—	6	34
Electric Wiring and Install.	93	38	6	2	21	102
Motor Vehicle Repair (a)	458	102	55	6	69	430
(b)	56	13	3	1	9	56
(c)	48	10	3	—	10	45
Hairdressing	505	141	68	98	122	358
Barbering	55	7	5	1	23	33
	1496	404	159	110	311	1320

TABLE No. 4

REPORT OF EXAMINATIONS
FOR THE FISCAL YEAR ENDING MARCH 31, 1941

Number of candidates examined :	At Toronto	At Other Centres	Totals
Motor Vehicle Repair Trade	125	399	524
Hairdressing	374	289	663
Barbering	65		65
Grand Totals	564	688	1,252

Of the total in the hairdressing trade, 10 candidates were granted examinations without charge and one candidate partial examination (charge $1.00).

Examinations were held in Toronto and at the various centres in accordance with arrangements made through local apprenticeship committees as follows :

	Centres	Number of Examinations	Total No. of Candidates
Motor Vehicle Repair	Belleville	2	25
	Brantford	1	20
	Brockville	1	12
	Chatham	1	20
	Cobourg	1	9
	Cochrane	1	10
	Galt	5	34
	Hamilton	2	39
	Huntsville	1	6
	Kingston	1	18
	Kirkland Lake	1	12
	Lindsay	1	17
	London	2	59
	North Bay	1	13
	Ottawa	1	22
	Owen Sound	1	13
	Sudbury	1	12
	Toronto	12	125
	Welland	2	43
	Windsor	1	15
	Totals	39	524
Hairdressing	Hamilton	7	119
	London	5	54
	Ottawa	4	40
	Toronto	20	374
	Windsor	4	76
	Totals	40	663
Barbering	Toronto Totals	65	65
	Grand Totals	144	1,252

TABLE No. 5

REPORT OF CERTIFICATES ISSUED
FOR THE FISCAL YEAR ENDING MARCH 31, 1941

	Motor Vehicle Repair	Barbering	Hairdressing	Totals
First certificate	197	177	115	489
By examination	348	63	437	848
By duplicate	4	2	7	13
By renewal	6,078	2,850	3,352	12,280
By miscellaneous	11	8	9	28
	6,638	3,100	3,920	13,658

TABLE No. 6

REPORT OF SCHOOL LICENSES
FOR THE CALENDAR YEAR ENDING DECEMBER 31, 1940

	Hairdressing Schools	Barbering Schools
Renewals	22	4
New Licenses Issued	2	—
Schools in Operation	24	4

Four Hairdressing Schools failed to renew their licenses for 1940.

MINIMUM WAGE BRANCH

A. W. CRAWFORD—CHIEF ENFORCEMENT OFFICER

The work of the Minimum Wage Branch during the fiscal year ending March 31, 1941, covered practically the same ground as that of the previous year. The effect of the war on employment and industrial activity has been much in evidence in certain cases. As noted in last year's report, increasing numbers of beginners, usually girls under eighteen years of age, are being employed, and more girls and women are entering the metal trades as factory operators.

WAGE RETURNS

Analysis of the wage returns received during the fiscal year indicates that, where any change appears, it is towards the firming of wage rates. In some of the classifications there appears to be little, if any, change and in others there is a trend towards a higher average hourly rate.

Wage returns covering periods of one to four weeks were received from 16,967 employers, as compared with 14,954 for the previous year. This increase is due to several causes and does not necessarily mean that a large number of new employer have entered the field. In collecting wage returns we do not always request returns from all employers every year but alternate in certain sub-categories and make checks or surveys in alternate years. Moreover, certain employers are dropped from our mailing returns when it is found that they employ no female employees, and during periods of increased activity they are added to the list and, if found to be employing females, they will then be added to and included in our current records.

The increased commercial and industrial activity has increased markedly the total number of employees reported, namely, 535,906, as compared with 432,892 for the previous year. The number of female employees reported was 151,278, as compared with the total of 129,111 reported for 1940.

Approximately 36 per cent of the firms reporting are located in the city of Toronto, and employ about 44 per cent of the total of female employees reported; approximately 21 per cent are located in the four cities of Hamilton, Ottawa, London and Windsor, and employ approximately 18 per cent of the total of female employees reported; about 31 per cent are located in towns and cities in the population group of 4,000 and 5,000 to 50,000, and employ approximately 26 per cent of the total of female employees reported. In the remaining parts of the Province, namely, the small communities and rural districts, places under 4,000 or 5,000 population, are located about 12 per cent of the employers. These employ approximately 12 per cent of the female employees reported.

For the purpose of analysis and checking, employers are divided into some 35 groups, and for further consolidation these are placed in the 21 classifications, as given in the tables appended to this report.

WAGE ADJUSTMENTS

As returns submitted by employers are received, they are checked and any minor cases of underpayments and non-compliance with the law revealed in these returns are handled by correspondence. In this manner increases in wage rates were ordered for 1,504 employees in 869 establishments during the year, as compared with 1,674 employees in 929 establishments during the previous year.

COMPLAINTS

The number of complaints received during the year totalled 312, as compared with 392 in 1940, and 462 in 1939.

Employees are often reluctant to lodge complaints because of fear of dismissal. Some employers discriminate against girls who complain, but generally do so in a manner which makes it very difficult, if not impossible, to prove.

With improved employment conditions employees seem less fearful of losing their jobs and in many cases no doubt they are demanding the minimum wage to which they are entitled under the law, and are securing it without laying a complaint. This explains to some extent the reduction in the number of complaints.

ARREARS OF WAGES

As a result of complaints and repeated violations revealed in the wage sheet returns, arrears of wages were collected from 372 employers on behalf of 738 employees in the total amount of $15,332.19. This is somewhat higher than during the previous year, when $12,946.17 was collected from 337 employers for 463 employees.

PROSECUTIONS

Court action was taken against 17 employers in connection with 22 separate violations of the Act, as compared with 35 charges against 18 employers in the previous year. Informations were laid against six employers in Toronto, three in Windsor, two in Ottawa and one each in Barrie, Hamilton, Kitchener, Merrickville, Oshawa and Timmins. Five charges were withdrawn after the cases came to Court but in each instance arrears were paid or action taken by the employers to meet the requirements of the law. Only one charge was dismissed by the Court.

SUMMARY OF COURT CASES

April 1, 1940, to March 31, 1941

Nature of Charges Laid	Disposition of Charges
1—Violation of Order No. 6; Retail Stores.	16—Convictions.
1—Violation of Order No. 17; Needle Trades.	5—Withdrawals (Arrears paid and records adjusted).
4—Violations of Order No. 25; Office Workers.	1—Dismissal.
4—Violations of Order No. 27; Hotels and Restaurants.	
2—Violations of Order No. 35; Factory Workers.	
6—Violations of Section 12; Minimum Wage Act.	
3—Failure to keep records.	
1—Failure to submit information.	
22 Totals	22

Number of charges laid	22
Number of employers	17
Number of employees affected	37
Amount of arrears paid	$1,403.81
Amount of fines collected	$ 730.00

During the fiscal year no employer entered an appeal against any conviction under the Act.

PERMITS

Under certain circumstances permits are issued to employers authorizing the employment of learners or beginners at less than the rate prescribed in the Minimum Wage Orders. At the end of the fiscal year there were 207 such permits outstanding, affecting 37 male and 170 female employees, as compared with a total of 97 at the end of the previous year.

This increase in the number of permits issued is due almost entirely to concessions granted in a certain town where the only industry had folded up and left the people with no prospect of employment. In an effort to induce other employers to locate in the town, the town council requested that permits be issued for the employment of learners at rates lower than those required by the Minimum Wage Orders. Such permits are for short periods only and, as conditions improve in the town, will be discontinued.

Permits authorizing a rate lower than the prescribed minimum were issued for handicapped workers to a total number of 178 outstanding at the end of the fiscal year, as compared with 181 in effect at the end of the previous year. Permits for handicapped workers are issued largely to those who are more or less permanently handicapped. A total of 52 such permits were issued to new applicants and 55 permits were cancelled or expired and were not renewed, as application for renewals was not made.

PERMITS

	Number of Employers	Number of Employees	Learners		Handicapped	
			Male	Female	Male	Female
Permits in force at beginning of fiscal year	121	278	26	71	52	129
Permits issued during fiscal year	40	439	39	348	6	46
Permits expired or cancelled during fiscal year	42	332	28	249	14	41
Permits in force at end of fiscal year	119	385	37	170	44	134

HOMEWORK

There is little change in the rates approved for payment to homeworkers under permit. In practically all cases, with the exception of two general classifications, no rates were approved during the year below the minima prescribed in the Minimum Wage Orders, and it is expected that these two classifications will be brought up to the level of the rates in the Orders before the end of the year. Rates were approved in the case of 60 new employers and 54 employers discontinued giving out homework during the year. Firms employing homeworkers at the close of the year numbered 173, as compared with 167 at the close of 1940.

HOMEWORK PERMITS FOR EMPLOYERS
APRIL 1, 1940, TO MARCH 31, 1941

Permits in force at beginning of fiscal year	167
Permits issued during fiscal year	60
Permits expired or cancelled during fiscal year	54
Permits in force at end of fiscal year	173

ANALYSES OF WAGE RETURNS

AUTOS, ACCESSORIES, AIRCRAFT, BOATS AND ELECTRICAL TRADES—1940

Population Zones	Toronto		Other Cities Over 50,000		5,000—50,000		Under 5,000	
Number of Employers :								
(a) Reporting female employees	156		80		92		27	
(b) Having no female employees	37		21		6		7	
(c) With no employees, out of business or failing to report	37		11		19		7	
(d) Total receiving Questionnaires	230		112		117		41	
Number of Employees :								
(a) Male	6,926		18,831		15,164		4,532	
(b) Women	2,126		1,909		1,927		466	
(c) Girls—under 18 years	99		72		81		32	
(d) Total reported	9,151		20,812		17,172		5,030	
Average hours per week (normally)	42.9		42.8		43.4		41.9	
Weekly rates of wages :	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Under $8.00 a week	—	7	1	—	2	3	2	4
8.00—10.00	2	17	12	5	36	21	35	13
10.00—12.00	31	32	79	20	108	23	64	11
12.00—14.00	248	21	205	12	341	24	104	2
14.00—16.00	470	9	236	14	350	3	65	2
16.00—20.00	590	13	711	21	596	3	107	—
20.00—25.00	561	—	377	—	328	4	61	—
25.00—30.00	167	—	214	—	135	—	17	—
30.00 and up	57	—	74	—	31	—	11	—

AUTO—SALES AND SERVICE—1940

Population Zones	Toronto	Other Cities Over 50,000	5,000—50,000	Under 5,000
Number of Employers :				
(a) Reporting female employees	35	32	88	51
(b) Having no female employees	3	5	13	3
(c) Out of business or failing to report	1	1	1	1
(d) Total receiving Questionnaires	39	38	102	55
Number of Employees :				
(a) Male	1,101	742	1,369	335
(b) Women	136	88	147	61
(c) Girls	—	—	—	—
(d) Total reported	1,237	830	1,516	396
Average hours per week (normally)	42	44½	45½	45
Weekly rates of wages :				
Under 17 cts. per hour	2	—	—	6
17—21	—	—	7	8
21—25	4	12	27	17
25—29	29	25	32	14
29—33	34	21	25	5
33—42	28	17	23	10
42—52	27	10	20	1
52—62	7	2	9	—
62—up	5	1	4	—
	136	88	147	61

MACHINERY AND METAL PRODUCTS—1940

Population Zones	Toronto		Other Cities Over 50,000		5,000—50,000		Under 5,000	
Number of Employers :								
(a) Reporting female employees	241		150		201		77	
(b) Having no female employees	74		62		44		19	
(c) With no employees, out of business or failing to report	35		42		37		11	
(d) Total receiving Questionnaires	350		254		282		107	
Number of Employees :								
(a) Male	18,693		20,019		28,011		7,941	
(b) Women	2,266		1,459		1,790		848	
(c) Girls—under 18 years	93		61		108		55	
(d) Total reported	21,052		21,539		29,909		8,844	
Average hours per week (normally)	42.4		41.6		43.3		44.6	
Weekly rates of wages :	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Under $8.00 a week	2	9	2	1	3	4	9	3
8.00—10.00	11	17	19	18	51	25	66	8
10.00—12.00	95	12	70	15	194	43	114	8
12.00—14.00	323	20	184	16	529	30	171	20
14.00—16.00	644	32	330	9	280	4	189	16
16.00—20.00	558	3	416	2	341	2	142	—
20.00—25.00	381	—	225	—	221	—	81	—
25.00—30.00	168	—	127	—	110	—	56	—
30.00 and up	84	—	86	—	61	—	20	—

FURNITURE, UPHOLSTERING, LUMBER AND WOOD PRODUCTS—1940

Population Zones	Toronto		Other Cities Over 50,000		5,000—50,000		Under 5,000	
Number of Employers :								
(a) Reporting female employees	85		43		123		91	
(b) Having no female employees	49		10		23		36	
(c) With no employees, out of business or failing to report	61		22		27		15	
(d) Total receiving Questionnaires	195		75		173		142	
Number of Employees :								
(a) Male	2,542		900		8,849		6,345	
(b) Women	315		119		484		431	
(c) Girls—under 18 years	8		1		33		13	
(d) Total reported	2,865		1,020		9,366		6,789	
Average hours per week (normally)	41.7		42.0		43.0		46.7	
Weekly rates of wages :	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Under $8.00 a week	1	1	—	—	9	8	10	4
8.00—10.00	8	4	1	1	51	9	68	7
10.00—12.00	32	1	4	—	70	10	113	2
12.00—14.00	40	1	25	—	92	4	106	—
14.00—16.00	48	1	46	—	76	2	54	—
16.00—20.00	76	—	20	—	84	—	47	—
20.00—25.00	57	—	13	—	56	—	23	—
25.00—30.00	29	—	4	—	21	—	8	—
30.00 and up	24	—	6	—	21	—	2	—

PAPER, PAPER PRODUCTS, ADVERTISING, PHOTOGRAPHY AND PRINTING —1940

Population Zones	Toronto		Other Cities Over 50,000		5,000—50,000		Under 5,000	
Number of Employers :								
(a) Reporting female employees	453		152		164		90	
(b) Having no female employees	85		49		16		20	
(c) With no employees, out of business or failing to report	146		71		50		17	
(d) Total receiving Questionnaires	684		272		230		127	
Number of Employees :								
(a) Male	11,696		4,600		8,221		4,905	
(b) Women	4,678		1,678		1,292		595	
(c) Girls—under 18 years	199		33		45		19	
(d) Total reported	16,573		6,311		9,558		5,519	
Average hours per week (normally)	43.3		43.0		44.3		48.7	
Weekly rates of wages :	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Under $8.00 a week	9	31	6	4	13	13	36	11
8.00—10.00	31	106	61	8	79	12	41	3
10.00—12.00	210	37	234	8	281	16	66	2
12.00—14.00	977	19	582	10	240	2	121	1
14.00—16.00	890	4	309	2	200	—	79	2
16.00—20.00	894	1	254	—	276	2	176	—
20.00—25.00	696	—	109	—	111	—	31	—
25.00—30.00	262	—	50	—	47	—	23	—
30.00 and up	309	—	73	1	45	—	22	—

JEWELLERY, LEATHER GOODS AND RUBBER—1940

Population Zones	Toronto		Other Cities Over 50,000		5,000—50,000		Under 5,000	
Number of Employers :								
(a) Reporting female employees	178		41		84		31	
(b) Having no female employees	35		21		23		10	
(c) With no employees, out of business or failing to report	33		11		3		7	
(d) Total receiving Questionnaires	246		73		110		48	
Number of Employees :								
(a) Male	6,002		2,091		9,071		3,214	
(b) Women	1,963		505		3,133		746	
(c) Girls—under 18 years	200		9		206		142	
(d) Total reported	8,165		2,605		12,410		4,102	
Average hours per week (normally)	43.2		42.8		44.9		47.8	
Weekly rates of wages :	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Under $8.00 a week	16	66	—	—	10	45	87	73
8.00—10.00	55	103	11	5	161	66	222	54
10.00—12.00	96	20	73	4	355	47	87	11
12.00—14.00	408	7	59	—	518	19	87	3
14.00—16.00	381	2	73	—	634	7	159	1
16.00—20.00	578	2	117	—	1039	7	63	—
20.00—25.00	326	—	131	—	189	—	31	—
25.00—30.00	75	—	28	—	88	—	9	—
30.00 and up	28	—	13	—	34	—	1	—

TEXTILES—1940

Population Zones	Throughout The Province
Number of Employers :	
(a) Reporting female employees	214
(b) Having no female employees	12
(c) With no employees, out of business or failing to report	14
(d) Total receiving Questionnaires	240
Number of Employees :	
(a) Men	12,777
(b) Boys (Under 21)	2,398
(c) Women	14,941
(d) Girls (Under 18)	1,861
(e) Total reported	31,977
Average hours per week (normally)	49.3

Weekly rates of wages :	Women	Girls
Under $8.00 a week	67	104
8.00—10.00	221	613
10.00—12.00	1324	520
12.00—14.00	3461	323
14.00—16.00	4051	192
16.00—20.00	4443	98
20.00—25.00	1013	10
25.00—30.00	256	1
30.00 and up	105	—

CLOTHING AND NEEDLE TRADES—1940

Population Zones	[illegible]	Over 50,000	5,000—50,000	Under 5,000
Number of Employers :				
(a) Reporting female employees	620	88	93	17
(b) Having no female employees	62	11	1	—
(c) Out of business or failing to report	39	11	4	1
(d) Total receiving Questionnaires	721	110	98	18
Number of Employees :				
(a) Male	7,076	624	1,321	137
(b) Women	7,647	811	2,438	307
(c) Girls—under 18 years	447	12	334	1
(d) Total reported	15,170	1,447	4,093	445
Average hours per week (normally)	43.7	47.8	48.6	49.7

Hourly rates of wages :	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Under 17 cts. per hour	24	39	2	1	69	164	55	20
17—21	131	291	66	5	230	88	73	5
21—25	370	82	67	5	574	47	77	1
25—29	1508	21	239	1	429	22	56	4
29—33	1661	8	163	—	451	9	25	1
33—42	2194	6	169	—	441	4	15	—
42—52	1125	—	77	—	105	—	6	—
52—62	408	—	22	—	24	—	—	—
62—up	226	—	6	—	15	—	—	—

FOOD PRODUCTS (including Seasonal Canning)—1940

Population Zones	Toronto		Other Cities Over 50,000		5,000—50,000		Under 5,000	
Number of Employers :								
(a) Reporting female employees	200		122		243		326	
(b) Having no female employees	22		40		104		56	
(c) Out of business or failing to report	11		4		8		20	
(d) Total receiving Questionnaires	233		166		355		402	
Number of Employees :								
(a) Male	11,918		5,307		8,028		8,057	
(b) Female	3,314		1,479		2,525		6,655	
(c) Girls—under 18 years	276		138		137		143	
(d) Total reported	15,508		6,924		10,690		14,855	
Average hours per week (normally)	46.7		48.1		49.07		50.9	
Hourly rates of wages :	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Under 17 cts. per hour	11	8	4	2	16	64	456	32
17—21	42	162	77	17	166	20	2042	46
21—25	162	67	333	119	1166	43	1120	18
25—29	1043	32	475	—	614	10	1646	41
29—33	777	5	193	—	294	—	506	4
33—42	816	2	294	—	154	—	769	2
42—52	275	—	64	—	73	—	93	—
52—62	128	—	25	—	28	—	19	—
62—up	60	—	14	—	14	—	4	—

BEVERAGES, DRUGS, TOBACCO—1940

Population Zones	Toronto		Other Cities Over 50,000		5,000—50,000		Under 5,000	
Number of Employers :								
(a) Reporting female employees	238		80		73		57	
(b) Having no female employees	98		62		52		39	
(c) With no employees, out of business or failing to report	103		48		22		19	
(d) Total receiving Questionnaires	439		190		147		115	
Number of Employees :								
(a) Male	5,018		3,069		2,862		3,713	
(b) Women	2,179		1,250		647		1,937	
(c) Girls—under 18 years	71		63		16		49	
(d) Total reported	7,268		4,382		3,525		5,699	
Average hours per week (normally)	40.8		40.9		42.6		43.7	
Weekly rates of wages :	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Under $8.00 a week	2	2	4	—	—	5	6	6
8.00—10.00	11	35	16	1	26	6	116	11
10.00—12.00	130	16	137	58	64	1	151	8
12.00—14.00	468	11	201	1	103	2	229	11
14.00—16.00	387	1	161	—	148	2	306	5
16.00—20.00	495	5	478	—	210	—	996	8
20.00—25.00	433	1	151	—	56	—	100	—
25.00—30.00	163	—	68	—	23	—	22	—
30.00 and up	90	—	44	—	11	—	11	—

MINING AND QUARRYING, NON-METALLIC AND MISCELLANEOUS—1940

Population Zones	Toronto		Other Cities Over 50,000		5,000—50,000		Under 5,000	
Number of Employers :								
(a) Reporting female employees	363		124		141		90	
(b) Having no female employees	91		45		92		64	
(c) With no employees, out of business or failing to report	128		56		78		28	
(d) Total receiving Questionnaires	582		225		311		182	
Number of Employees :								
(a) Male	9,143		3,721		15,756		17,843	
(b) Female	3,460		1,142		1,789		772	
(c) Girls—under 18 years	379		81		168		87	
(d) Total reported	12,982		4,944		17,713		18,702	
Average hours per week (normally)	42.5		42.4		44.1		44.9	
Weekly rates of wages :	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Under $8.00 a week	4	40	—	1	4	47	40	36
8.00—10.00	50	237	99	61	107	66	76	24
10.00—12.00	289	53	189	3	261	7	142	17
12.00—14.00	741	34	254	15	268	21	147	4
14.00—16.00	676	11	143	—	301	13	91	3
16.00—20.00	713	2	202	1	326	14	113	2
20.00—25.00	567	1	156	—	262	—	96	1
25.00—30.00	266	1	56	—	200	—	37	—
30.00 and up	154	—	43	—	60	—	30	—

TRADE AND DISTRIBUTION—1940

Population Zones	Toronto		Other Cities Over 50,000		5,000—50,000		Under 5,000	
Number of Employers :								
(a) Reporting female employees	1,393		1,175		1,724		999	
(b) Having no female employees	210		313		234		155	
(c) Out of business or failing to report	225		143		247		52	
(d) Total receiving Questionnaires	1,828		1,631		2,215		1,206	
Number of Employees :								
(a) Male	17,238		7,635		8,692		2,448	
(b) Female	13,254		6,414		8,439		2,434	
(c) Girls—under 18 years	441		81		338		164	
(d) Total reported	30,933		14,130		17,469		5,046	
Average hours per week (normally)	45.8		48.1		49.2		51.6	
Weekly rates of wages :	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Under $8.00 a week	—	1	9	2	34	19	249	70
8.00—10.00	9	142	44	14	636	100	836	78
10.00—12.00	310	138	349	33	3886	200	575	12
12.00—14.00	5279	73	3614	30	1873	18	459	4
14.00—16.00	3493	83	1214	2	1058	1	192	—
16.00—20.00	2682	4	732	—	653	—	89	—
20.00—25.00	909	—	281	—	204	—	27	—
25.00—30.00	321	—	99	—	67	—	5	—
30.00 and up	251	—	72	—	28	—	2	—

RESTAURANTS AND HOTELS—1940

Population Zones	Toronto	Other Cities Over 50,000	10,000 to 50,000	4,000 to 10,000
Number of Employers :				
(a) Reporting female employees	558	365	564	275
(b) Having no female employees	66	44	38	21
(c) Out of business or failing to report	37	13	36	13
(d) Total receiving Questionnaires	661	422	638	309
Number of Employees :				
(a) Male	4,683	2,618	2,692	969
(b) Female	4,239	2,044	2,360	1,016
(c) Total reported	8,922	4,662	5,052	1,985
Average hours per week	48	48½	48	54
Weekly rates of wages :				
Under 17 cts. per hour	3	3	6	18
17—21	6	35	49	389
21—25	53	676	1,097	318
25—29	2,251	907	814	180
29—33	1,132	217	208	57
33—42	579	149	146	43
42—52	161	42	32	8
52—62	35	10	6	—
62—up	19	5	2	3
	4,239	2,044	2,360	1,016

HAIRDRESSING AND BEAUTY PARLORS—1940

Population Zones	Toronto	Other Cities Over 50,000	10,000 to 50,000	5,000 to 10,000
Number of Employers :				
(a) Reporting female employees	370	168	174	80
(b) Having no female employees	76	36	34	25
(c) Out of business or failing to report	17	9	5	5
(d) Total receiving Questionnaires	463	213	213	110
Number of Employees :				
(a) Male	122	34	19	4
(b) Female	930	361	294	119
(c) Girls	3	—	1	—
(d) Total reported	1,055	395	314	123
Average hours per week (normally)	48	48	48	49
Weekly rates of wages :				
Under 17 cts. per hour	21	17	34	10
17—21	18	3	12	18
21—25	20	10	76	23
25—29	375	169	47	45
29—33	217	80	38	12
33—42	151	38	14	11
42—52	76	30	—	—
52—62	33	4	2	—
62—up	21	10	1	—
	930	361	294	119

LAUNDRIES, CLEANERS AND DYERS—1940

Population Zones	Toronto	Other Cities Over 50,000	Remainder of Province
Number of Employers :			
(a) Reporting female employees	78	98	182
(b) Having no female employees	12	6	11
(c) Out of business or failing to report	4	4	4
(d) Total receiving Questionnaires	94	108	197
Number of Employees :			
(a) Male	1,350	696	847
(b) Women	2,255	1,088	1,105
(c) Girls	29	—	2
(d) Total reported	3,634	1,784	1,954
Average hours worked per week	48	48	50
Weekly rates of wages :			
Under 17 cts. per hour	3	3	12
17—21	102	65	167
21—25	191	70	481
25—29	1,309	654	251
29—33	332	145	97
33—42	260	87	66
42—52	59	53	22
52—62	19	8	7
62—up	9	3	4
	2,284	1,088	1,107

PROFESSIONAL SERVICES—1940

Population Zones	Toronto	Other Cities Over 50,000	5,000—50,000	Under 5,000
Number of Employers :				
(a) Reporting female employees	286	330	357	88
(b) Having no female employees	24	15	27	12
(c) Out of business or failing to report	22	34	37	20
(d) Total receiving Questionnaires	332	379	421	120
Number of Employees :				
(a) Male	895	78	66	8
(b) Women	671	445	583	111
(c) Girls	2	5	8	—
(d) Total reported	1,568	528	657	119
Average hours worked per week	39	41	44½	42
Weekly rates of wages :				
Under $8.00 a week	1	2	10	5
8.00—10.00	—	3	21	12
10.00—12.00	17	17	91	31
12.00—14.00	68	77	117	27
14.00—16.00	96	101	124	16
16.00—20.00	155	111	116	13
20.00—25.00	220	92	86	6
25.00—30.00	77	29	18	1
30.00 and up	39	18	8	—
	673	450	591	111

RECREATION AND ENTERTAINMENT—1940

Population Zones	Toronto	Other Cities Over 50,000	Remainder of Province
Number of Employers :			
(a) Reporting female employees	131	57	152
(b) Having no female employees	4	2	7
(c) Out of business or failing to report	2	3	2
(d) Total receiving Questionnaires	137	62	161
Number of Employees :			
(a) Male	1,403	493	908
(b and c)	633	242	393
(d) Total reported	2,036	735	1,301
Average hours worked per week	2—30; 50	3—25; 30—46	2—48; 48
Weekly rates of wages :			
Under 17 cts. per hour	—	—	4
17—21	1	1	5
21—25	5	12	45
25—29	77	75	120
29—33	167	64	70
33—42	190	64	97
42—52	112	22	39
52—62	44	2	10
62—up	37	2	3
	633	242	393

INSURANCE, BANKS AND BROKERS—1940

Population Zones	Toronto	Other Cities Over 50,000	5,000—50,000	Under 5,000
Number of Employers :				
(a) Reporting female employees	352	185	178	13
(b) Having no female employees	45	36	17	—
(c) Out of business or failing to report	11	7	10	—
(d) Total receiving Questionnaires	408	228	205	13
Number of Employees :				
(a) Male	4,297	796	317	4
(b) Women	4,217	1,513	565	19
(c) Girls	32	5	—	—
(d) Total reported	8,546	2,314	882	23
Average hours worked per week	40	39	39½	42
Weekly rates of wages :				
Under $8.00 a week	—	1	—	—
8.00—10.00	6	3	6	6
10.00—12.00	87	22	47	3
12.00—14.00	614	255	99	2
14.00—16.00	757	166	99	4
16.00—20.00	1,195	455	149	2
20.00—25.00	1,006	414	107	2
25.00—30.00	346	137	40	—
30.00 and up	238	65	18	—
	4,249	1,518	565	19

ACCOUNTING AND AUDITING AND MISCELLANEOUS—1940

Population Zones	Toronto	Other Cities Over 50,000	5,000—50,000	Under 5,000
Number of Employers :				
(a) Reporting female employees	196	87	49	11
(b) Having no female employees	12	2	2	1
(c) Out of business or failing to report	5	1	—	—
(d) Total receiving Questionnaires	213	90	51	12
Number of Employees :				
(a) Male	1,560	304	76	6
(b) Women	958	236	105	16
(c) Girls	7	2	5	—
(d) Total reported	2,525	542	186	22
Average hours worked per week	40	40	39	48
Weekly rates of wages :				
Under $8.00 a week	—	1	2	3
8.00—10.00	10	3	3	5
10.00—12.00	25	25	18	3
12.00—14.00	143	55	29	3
14.00—16.00	175	59	18	—
16.00—20.00	228	48	17	—
20.00—25.00	206	33	19	2
25.00—30.00	97	8	2	—
30.00 and up	81	6	2	—
	965	238	110	16

CONSTRUCTION AND ENGINEERING, CONTRACTORS—1940

Population Zones	Toronto	Other Cities Over 50,000	5,000—50,000	Under 5,000
Number of Employers :				
(a) Reporting female employees	22	17	28	7
(b) Having no female employees	4	3	2	1
(c) Out of business or failing to report	—	—	—	—
(d) Total receiving Questionnaires	26	20	30	8
Number of Employees :				
(a) Male	866	693	1,293	963
(b) Women	51	52	48	10
(c) Girls	—	—	1	—
(d) Total reported	917	745	1,342	973
Average hours worked per week	41	44	45	44
Weekly rates of wages :				
Under $8.00 a week	—	—	—	1
8.00—10.00	—	—	4	2
10.00—12.00	—	3	6	1
12.00—14.00	4	12	7	1
14.00—16.00	8	17	16	2
16.00—20.00	13	11	6	—
20.00—25.00	11	4	6	—
25.00—30.00	4	1	3	2
30.00 and up	11	4	1	1
	51	52	49	10

TELEPHONES AND HIGHWAYS—1940

Population Zones	Toronto	Other Cities Over 50,000	10,000 to 50,000	4,000 to 10,000	Over 300 Lines	50 to 300 Lines
Number of Employers :						
(a) Reporting female employees	29	23	54	33	43	182
(b) Having no female employees	—	—	—	—	1	5
(c) Out of business or failing to report	—	—	—	—	—	—
(d) Total receiving Questionnaires	29	23	54	33	44	187
Number of Employees :						
(a) Male	6,060	1,056	1,268	123	25	155
(b) Women	1,380	824	1,113	365	255	611
(c) Girls	37	29	70	15	3	3
(d) Total reported	7,477	1,909	2,451	503	283	769
Average hours worked per week	42½	43	45	45	45	48
Weekly rates of wages :						
Under 17 cts. per hour	—	—	1	—	11	234
17—21	—	—	143	63	30	226
21—25	49	75	126	46	58	85
25—29	113	62	201	59	89	39
29—33	145	112	232	98	40	11
33—42	241	405	352	78	13	16
42—52	463	138	91	29	17	2
52—62	295	34	25	7	—	1
62—up	111	27	12	—	—	—
	1,417	853	1,183	380	258	614

APPENDIX

STRIKES AND LOCKOUTS IN ONTARIO, FISCAL YEAR 1941
(From figures published in Labour Gazette)

INDUSTRIES:	Number of disputes in progress	Number of workers involved	Time loss in man-working days
Fishing and trapping	2	105	270
Manufacturing—			
Boots and shoes	1	70	2,600
Fur and leather	1	250	1,250
Metal products	16	3,097	15,279
Non-metallic minerals	2	180	570
Rubber products	1	315	1,500
Textiles and clothing	10	2,752	4,631
Vegetable foods	2	175	175
Wood—miscellaneous	2	307	554
Construction—			
Building and structures	4	219	619
Shipbuilding	2	750	1,700
Transportation—			
Local and highways	3	228	3,911
Water	1	11	22
Services—			
Business and personal	4	550	999
Public administration	1	35	70
Trade	3	144	2,168
Totals—1941	55	9,188	36,318
" —1940	36	6,075	50,468
" —1939	54	5,795	86,997
" —1938	127	22,749	294,906
" —1937	78	13,251	148,929
" —1936	50	9,120	78,511
" —1934	94	18,198	256,311
" —1933	39	7,380	109,240
" —1932	26	2,432	50,401
" —1931	18	2,827	66,268
" —1930	21	4,315	50,513
" —1929	43	5,175	75,870
" —1928	52	5,622	59,889
" —1927	25	4,403	56,695
" —1926	17	1,839	46,402
" —1925	21	2,499	27,447
" —1924	19	3,943	95,196
" —1923	16	1,946	198,319
" —1922	23	2,712	367,893
" —1921	53	10,800	521,210

TOTAL WAR EFFORT OF SCHOOLS

(From the beginning of the War until June 1942)

The generous response of Ontario school pupils toward the general war effort is set forth below. This donation is quite apart from their participation in various municipal contributions toward the same end.

	Elementary Schools	Secondary Schools	Total
CASH DONATIONS			
1. Red Cross (including Junior Red Cross)	$ 165,959	$ 68,319	$ 234,278
2. War Savings (Stamps, Certificates and Victory Bonds)	2,201,150	948,481	3,149,631
3. Purchase of Equipment	19,405	24,626	44,031
4. Purchase of Clothing, Medical Supplies, etc. (ready made or for processing)	18,407	25,236	43,643
5. Donations for special funds: (B.W.V.F., Queen's Fund, etc.)	161,101	69,293	230,394
6. Any other purchases or donations of money	47,429	24,024	71,453
Total	$2,613,451	$1,159,979	$3,773,430
NON-CASH DONATIONS			
1. Clothing donated or made (number of articles)	125,581	114,081	239,662
2. Food donated (estimated money value)	$8,828	$13,890	$22,718
3. Salvage collected and turned in—not sold (weight in tons)	3,642	1,082	4,724
4. Any other donations (estimated money value)	$28,506	$21,923	$50,429

Equipment Purchased* included:

7 ambulances	1 Utility car	1 bed endowed at Taplow Military Hospital
10 mobile canteens	2 machine guns	1 Motion-picture projection machine
3 Red Cross wagons	1 water purifier	

*These are the larger items included in Cash Donations No. 3.

REPORT

OF THE

Minister of Education

Province of Ontario

FOR THE YEAR

1941

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REPORT

OF THE

Minister of Education

FOR THE YEAR 1941

To The Honourable Albert Matthews, LL.D.,
Lieutenant-Governor of the Province of Ontario.

Your Honour,—

I beg leave to present to your Honour the Report of the Department of Education for the year 1941.

In presenting a report of the activities of the Department of Education during the year 1941, it may not be inappropriate to direct special attention to the results of the impact on the educational system of the Province of conditions growing out of the prosecution of the war. These influences are many and may be expected to operate with intensified force as the war progresses.

Reference may be made incidentally to the transfer to the Department of National Defence of two groups of buildings long associated with the history of education in this Province. Since July, 1941, the Toronto Normal-Model School has been used as an R.C.A.F. training station and the buildings and grounds of the Ontario School for the Deaf, immediately to the west of the City of Belleville, have been employed by the R.C.A.F. for the purposes of No. 5 Initial Training School. The closing of the Model School involved a break with a long and honourable tradition and naturally brought keen regrets to the hearts of many hundreds of its former students. Through the co-operation of the Board of Education of the City of Toronto, satisfactory accommodation was found for the Normal School in the Earl Kitchener Public School on Pape Avenue, in the eastern section of the City of Toronto. More serious difficulties were encountered in providing a new home for the School for the Deaf. Ultimately, buildings were obtained in the City of Belleville, including the Parish Hall of St. Thomas' Anglican Church, which have provided classrooms, dormitories and dining-rooms. Changes of this nature cannot be made, however, without a serious disturbance in the work of the School. To adjust the work of the School to its limited accommodation, it has been found necessary to limit admission to the classes at Belleville to pupils under sixteen years of age and to open day classes in the Cities of Toronto, Hamilton, London and Windsor. Pupils between five and sixteen are admitted to these classes and, in Toronto, Hamilton and London, pupils also between sixteen and twenty-one.

As might be expected, one of the immediate effects of the war was a decline in attendance at our schools. While both Elementary and Secondary Schools reflect this trend, it was more pronounced in the Secondary Schools, where the influence of war conditions was more effective. The decline in attendance in Public and Separate Schools was 9,409; while that in all types of Secondary

Schools, including Night Classes in Vocational Schools, was 14,510. This can be attributed in part to enlistments in the armed forces, but, in the main, to the new opportunities for profitable employment offered to senior boys and girls by various industries associated with the Nation's war effort.

The age up to which attendance at school is compulsory in this Province has been fixed by law at sixteen years. This requirement is subject to the condition that, in times of urgent need, a local Attendance Officer may issue a certificate permitting a pupil to leave school before attaining the age of sixteen. From time to time, representations have been made requesting the reduction of the age of compulsory attendance from sixteen to fifteen, or even fourteen years. That such a reduction is not necessary, if the present law is administered with a sympathetic understanding of local conditions, was demonstrated this year. The number of Employment Certificates issued by Attendance Officers increased from 1,907 in the year 1938 to 4,871 in 1940, thus demonstrating the adaptability of the present law to changing conditions.

A somewhat kindred movement in the attendance at the Provincial Normal Schools has been manifest. The total attendance declined from 1,247 in the session 1939-40 to 1,131 in 1940-41 and to 1,112 in 1941-42. It will thus be seen that this movement began before the outbreak of the war and cannot be attributed entirely to conditions produced by the war. That it will be aggravated by the war, is a certainty, both because of enlistments in the armed forces and because of the attraction of the higher salaries which will be paid both to men and women in the various enterprises associated with war production. There are limits beyond which the Department will not be justified in going in lowering the standards required for admission to the teaching profession. There must be such an increase in teachers' salaries throughout the Province as will enable the teacher to maintain that measure of freedom and independence essential to the performance of the duties expected of the teaching profession.

It is encouraging to observe that there is a very definite trend in the direction of the payment of higher salaries to teachers. In the year 1940-41, there was an increase in the average salary paid to all male Public School teachers of $48, to male assistants of $70 and to women teachers of $32, as compared with the year 1938-39. The average salary of male teachers in rural Public Schools increased $93 and that of women teachers $63 over the average paid in 1940-41. The predominating rural salary rose from $700 in 1940-41 to $800 in 1941-42.

The amount paid by the Province in the form of general legislative grants to public and Separate Schools in 1941, namely, $4,706,554.84, was the largest sum apportioned to these schools in any one year in the history of the Province. The regulations, approved by Order-in-Council, which contain the conditions determining the amount of the grant payable to each school, take into account the need of the local community for assistance, as determined by the assessment per pupil of average attendance, and by the ratio of teachers' salaries to the equalized assessment. In rural schools and in villages and towns under 2,000 population, the legislative grant is $4.25 per pupil, where the assessment is between $2,500 and $3,000 per pupil, $4.75 where it is between $2,000 and $2,500, and the maximum of $5 per pupil where it is under $2,000. The reports for the year 1941 show that 978 schools throughout the Province were entitled to the maximum grant of $5 per pupil. Of these, 54 were in urban centres.

The grant based on teachers' salaries indicates, likewise, the extent of the aid being given to poor school sections. In 602 rural school sections, the teacher's

salary represented 40 mills or more of the equalized assessment. In these sections, the legislative grant included an amount which was the equivalent of from 60 per cent to 77 per cent of the salary paid to the school teacher.

The movement in the direction of forming larger school areas has continued throughout the period of the war. In 1941, the number was increased by 31, with the result that at the end of that year there were in all 130 township school areas replacing 666 small school sections.

It is possible that the scarcity of teachers may have encouraged certain school boards, in cases where the attendance was small, to close their schools temporarily and arrange for the instruction of their pupils in neighbouring schools. Where the attendance has been very small, this has been found to be not only economical but sound educational procedure. Should a change in conditions in a school section warrant the re-opening of the school, no objection can be taken to such re-opening. During the year 1941, 78 schools were closed temporarily, while one was re-opened.

The records of the medical examination of young men applying for admission to the armed forces suggest that advantage is not being taken of the powers enjoyed by local school and health authorities to provide a medical inspection service in the schools. Authority has now been granted to county councils to engage public health nurses, who may maintain a school health service at the expense of the county. There would seem to be a need for the further education of the public in the advantages of such services and, possibly, a larger measure of financial support from the State in the initial stages of their development.

Two phases of the influence of the war on the work of the High Schools and Collegiate Institutes deserve mention. The length of the teaching year was reduced for many pupils, both at the end of the term in May and June and at the beginning of the autumn term in September. Arrangements were made by which pupils were permitted to leave school to work on the farm, or in essential war industries. This shortening of the teaching year placed an additional burden of responsibility on our teachers in that it required them to cover the prescribed work in a shorter period of time. It is to their abiding credit that the teachers willingly assumed this further responsibility, thereby contributing most effectively to the production of essential food materials in this Province.

The pupils of our Secondary Schools were given the opportunity of participating more directly in the Nation's war effort. Most schools took an active part in the various salvage campaigns. Many of them provided large quantities of books and magazines which were distributed through one or other of the War Service organizations. Especially, however, did our Secondary Schools distinguish themselves in the collection of money by the sale of War Certificates and in the provision both of money and of clothing and other materials for the Red Cross. It has been estimated that through the efforts of our Secondary School pupils a contribution of not less than a million dollars was made to the Nation's war effort. Of even greater importance has been the realization by our youth that they, too, are partners in the prosecution of the war and that they have their responsibilities in maintaining a wholesome life in the community.

In no branch of our educational system has the impact of war conditions been felt more extensively than in our Technical and Vocational Schools. Special War Emergency Classes were introduced during the summer of 1940 for the purpose of training skilled and semi-skilled workers for war industries and for the

armed forces. By an agreement between the Federal and Provincial Governments, the Province assumed the cost of administration and 50 per cent of the cost of essential special equipment. The Dominion Government undertook to pay the remaining 50 per cent of the cost of equipment, as well as teachers' salaries, supplies and a subsistence allowance to trainees. Supervision of the training is vested in an Inter-departmental Committee representing the Departments of Education and of Labour.

Training has been provided in virtually every craft represented in the production of war materials and in the special techniques required by the various services. Special reference may be warranted to the training of radio technicians, tool makers and instrument makers. Classes have been provided for the training of women for industry; in cooking, for both men and women in army services; and in commercial courses to provide both men and women for clerical positions in the Federal Civil Service and in the Army and Air Force.

The extent of the contributions made by our Technical Schools may be judged by the fact that from the introduction of the programme in July, 1940, to the end of June, 1941, of a total of 41,758 men and women trained in the entire Dominion, 25,616 were trained in the Vocational Schools of this Province, and that of a total of 18,920 members of the armed forces who received special instruction as artificers and technicians, 6,450 were, likewise, trained in our Vocational Schools.

This most creditable achievement has been made possible by reason of two conditions,—the whole-hearted co-operation of local school boards, and the devotion and self-sacrifice of the members of the teaching staffs of our schools. The accommodation and equipment of our local school boards were placed at the disposal of the Government without reservation. The entire organization of the school was made subordinate to the successful conduct of the War Emergency Classes. In not a few instances, the work of the school was adjusted to the needs of a 24 hour day. Too much praise, however, cannot be given to the shop directors and their assistants, whose wisdom and experience provided sound guidance and whose tireless energy enabled them to solve new and difficult problems as they arose. Their achievement will come to be regarded as one of the most valuable contributions made by the Canadian people to the prosecution of the war.

Respectfully submitted,

D. McArthur,
Minister of Education.

Toronto, November 16th, 1942.

APPENDIX A

REPORT OF THE CHIEF INSPECTOR OF PUBLIC AND SEPARATE SCHOOLS

The Provincial Inspectoral Staff, 1941

I. In Memoriam:

Mr. James Froats, M.A., B.Paed. (Queens), Public School Inspector for Stormont County, died suddenly at his home in Finch on Friday, April 4th, 1941. Mr. Froats was born at Hoasic, in Williamsburg Township, Dundas County, in 1872, the son of United Empire Loyalist parents. He received his elementary education in S.S. No. 22 Williamsburg and his secondary education in the Morrisburg Collegiate Institute. His professional training as a teacher was obtained at the Morrisburg Model School, the Ottawa Normal School and the School of Pedagogy in Toronto.

The son of a very successful Ontario teacher, Mr. Froats was by natural aptitude, as well as by professional training, a teacher. In schools at Goldfield, Maple Ridge, Lunenburg, Morewood, Cornwall and Finch Mr. Froats gave excellent service. His appointment as a teacher and principal was in the Finch Public and Continuation School, in Storemont County. His success here made him the natural appointee by the Counties' Council to the public school inspectorate of Stormont County, in 1909 in which position he remained until the time of his death. Many teachers whose work was supervised by Mr. Froats regarded him as a true friend, and as one who was an expert in assisting teachers to improve their classroom practice. He received at all times the esteem and co-operation of parents, trustees and ratepayers. During this thirty-two years' service as a public school inspector he saw many improvements made in the schools of the county.

II. Retirements:

Mr. George A. Carefoot, B.A., B.Paed. (Queens), Public School Inspector for Lincoln County, retired on August 31st, 1941, after twenty-five years of very successful service in this capacity. Mr. Carefoot was born in 1870 at Red Wing, Collingwood Township, Grey County. He received his elementary school instruction in S.S. No. 12 Collingwood, from which he received High School Entrance standing and the academic requirements for admission to the Meaford Model School. After attendance at the Model School he taught in rural schools of his home township for a period of five and one-half years. In 1890, he entered the Collingwood Collegiate Institute where in 1894 he completed the course for the Senior Leaving examination. He then attended the University of Toronto and the Toronto School of Pedagogy and in 1897 obtained specialist standing in Science. From 1897 to 1917 Mr. Carefoot taught very successfully in secondary schools in Smithville, Thorold, Collingwood, Newmarket, Lindsay, in Bradford as principal for six years, and finally for a period of six years as science master in the St. Catharines Collegiate Institute. In his work as a public school in-

spector from August 17th, 1917, to August 31st, 1941, Mr. Carefoot had outstanding success. During his period of office seven new school buildings were erected and substantial and modern additions made to nine other schools. In addition to the raising of school standards in general to a high point of efficiency, Mr. Carefoot gave particular attention to better school libraries, to better provision for the health and health training of the pupils, to the extension of the teaching of music in rural as well as urban schools, and to rural school fairs and the annual exhibition of school work in each school. Mr. Carefoot was an educational leader as well as a school supervisor. By acquainting the school boards and ratepayers of his inspectorate with the newer movements in education he was able to secure their co-operation in the introduction of changes; the result being that the schools of Lincoln County are efficient and progressive beyond the average.

Mr. W. H. T. Mooney, B.A., B.Paed. (Toronto), was born in Rondeau, in Kent County. He received his elementary school education in a public school in the Township of Harwich and his secondary school education in the Ridgetown Collegiate Institute. After attending the Chatham Model School he taught for a few years in the Townships of Orford and Howard. He then attended Toronto University and in 1901 received a B.A. degree with honour standing in classics. He then obtained a high school specialist certificate in classics from the Ontario Normal College, Hamilton, and became classical master in Arthur High School and later in London Collegiate Institute. He was also principal of the London Central Collegiate Institute for a number of years. In January, 1923, he became classical master of the Toronto Normal School. In 1938 he was appointed public school inspector in the inspectorate of York No. 1. Mr. Mooney was an excellent teacher and principal, a splendid administrator and a very competent inspector.

Dr. Peter F. Munro, M.A., is a native of Lancaster Township in the County of Glengarry, where he received his elementary education. He attended Williamstown High School and entered Queen's University, from which he graduated in 1898 with honours in Classics. For his professional training as a teacher he attended Kingston Model School and the Ontario Normal College in Hamilton, obtaining a Specialist certificate in Classics. His public school teaching covers experience in rural schools as well as in urban city schools. He was principal of Ryerson Public School, Toronto, from 1919 to 1925 when he became a public school inspector for the City of Toronto. He retired from this position at August 31st, 1941. Dr. Munro taught as classical master in the Iroquois High School, and the Aylmer Collegiate Institute, in the Aurora High School, of which he was also principal, and in Jarvis and Riverdale Collegiate Institutes in the City of Toronto. He obtained his B.Paed. degree in 1904 and the D.Paed. degree in 1926. Dr. Munro had a brilliant career as a classical master and as a public school inspector.

Mr. Samuel Shannon, B.A., was born in the Township of Elma, Perth County, and received his elementary education in S.S. No. 4 Elma. Subsequently he attended Listowel High School, in which he obtained certificates for entrance to Model School and to Normal School. He secured his First Class Certificate, with the science option, through private study. Mr. Shannon attended the Mitchell Model School in 1888, and began his teaching experience

in S.S. No. 4 Elma, his home school. Later he attended Albert College, Belleville, from which he matriculated with honours in 1892. He then entered the University of Toronto, and graduated in the Natural Science Honour course in 1895. After attending the School of Pedagogy he became the first principal of Drayton Continuation School. Mr. Shannon was one of the prospectors who followed the famous trail of '98 into the Yukon. He was for some years an assayer in British Columbia, and taught for three years in the schools of British Columbia. On his return to Ontario he was principal of Bracebridge Public and Continuation School, then of Kenora High School, resigning the latter position to become Inspector of Public Schools for the District of Kenora. Mr. Shannon was a very successful teacher and principal and an inspector who endeared himself to his teachers and pupils through his kind, sympathetic and helpful service.

Mr. W. W. A. Trench, B.A., was born at Richmond Hill, and received both his elementary and secondary education in his home town. He then attended the Newmarket Model School and had a six-year period of successful public school teaching experience at Cartier, Unionville, Richmond Hill and Eganville. In 1899 Mr. Trench completed the Honour Classics course at the University of Toronto and then took his professional training at the Ontario Normal College in Hamilton, receiving his certificate as a specialist in classics. His secondary school teaching experience was obtained in Arthur, North Bay, Port Hope, Arnprior, Prescott and Perth. At Prescott he was principal of the High School for a period of seven years. He was principal of Perth Collegiate Institute when in September, 1921 he was appointed Public School Inspector in York County. Mr. Trench took a keen interest in the primary work and the supplementary reading of his schools, and during his period of office the schools of his inspectorate showed splendid advancement in these respects as well as in the other phases of elementary school work. He also trained his teachers to secure good discipline without resorting to drastic punishment but by enlisting the co-operation and arousing the interest of their pupils.

III. Appointments:

The following were appointed to the provincial staff of inspectors to begin their duties on September 1st, 1941:

1. Hastings North: Mr. H. H. Loucks, B.A., Principal of Morewood High School.
2. Lanark: Mr. J. W. Barber, B.A., Supervising Principal, Renfrew Public Schools.
3. Stormont: Mr. F. L. Barrett, B.A., B.Paed., Helping Teacher in Kent County.
4. District Division I: Mr. R. S. McBurney, B.A., B.Paed., Principal of Cornwall Public School, Port Arthur.

Helping Teachers:

5. Kent: Mr. William Rogers, B.A., Principal of Major Ballachey Public School, Brantford, to assist Inspector G. A. Pearson.
6. York (3) and (4): Miss Jessie I. Cross, B.A., of the Toronto Normal Model School staff, to assist Inspector W. A. Fydell.

IV. TRANSFERS:

Inspector	*Former Inspectorate*	*New Inspectorate*	*Date*
1. L. B. Hyde, B.A.	Lanark	Welland (in part)	Sept. 1
2. W. H. Carlton, B.A., B.Paed.	Leeds and Grenville (3).	Northumberland and Durham	Jan. 1
3. R. A. A. McConnell, B.A.	North. and Durham	Grenville	Jan. 1
4. C. A. Lapp, B.A., B.Paed.	Simcoe South	York (No. 1)	Oct. 10
5. W. A. Marshall, B.A., B.Paed.	Welland (in part)	Lincoln	Sept. 1
6. R. H. Roberts, M.A.	Peterborough Normal	Leeds (No. 1)	Sept. 1
7. W. K. F. Kendrick, B.A., B.Paed.	Toronto Normal Model.	Simcoe South	Oct. 10
8. Miss Rose Lynch, B.A. (Helping Teacher).	R.C.S.S. Div. XII	R.C.S.S. Div. XV and XVI	Sept. 1

V. EXCHANGE BETWEEN INSPECTOR AND NORMAL SCHOOL MASTER, FOR ONE YEAR FROM SEPTEMBER 1ST, 1940.

Mr. J. V. Scanlan, B.A., R.C.S.S. Division XIII, with Mr. J. V. McIntyre, B.A., B.Paed., Hamilton Normal School.

Legislative Grants

The Province apportioned, in 1941, the sum of $4,706,554.84 in the form of general legislative grants to the public and separate schools. This was the largest amount apportioned in any one year in the history of the Province. In the preceding year the amount of $4,038,377.06 had been apportioned. The additional amount distributed in 1941 enabled many rural schools in the poorer parts of the Province to make payment on indebtedness and to give better service in their schools. The people have expressed, through the inspectors and directly to the Department, their appreciation of these increased grants.

Township School Areas

Under Sections 15 to 18, inclusive, of The Public Schools Act, the conditions for the organization and administration of township school areas are set forth. The council of a township may pass a by-law on or before the first day of July in any year, setting apart the whole or any portion of the township as a township school area. The by-law which takes effect on December 25th following requires the approval of the Minister of Education before it is finally passed. The board of trustees of a township school area is composed of five members, three trustees being elected each alternate year for a period of two years, and two being elected each alternate year (other than the years of election for the three) for a two-year period.

The Act makes provision for the adjustment of claims between the respective parts of the township when amalgamation takes place, and when the by-law goes into effect all school properties and other assets become vested in the one new board and the new board assumes also all liabilities. As an aid in the adjustment of the finances of the different portions comprising the new area, the Department of Education gives in addition to the regular legislative grant an annual grant of $100.00 per school section.

There were 15 township school areas or township school boards formed in the Province before the year 1938, involving the dissolution of 83 school sections.

In the years 1938, 1939, 1940 and 1941 additional school areas formed were, respectively, 15, 43, 26 and 31, involving the dissolution of 582 more school sections. At the end of the year 1941 there were 130 township school areas and 666 school sections dissolved. These areas are found in nearly all parts of the Province, and it can be said that in all parts of the Province opinion has grown more favourable to the larger rural unit for school administration. The inspectors, through patient and tactful effort, have brought this matter to the attention of ratepayers, trustees and members of municipal councils, and have followed up the organization of the areas with their co-operation and guidance.

Some of the advantages claimed for the larger area of school administration are as follows:—

1. Better provision for completing courses for those leaving school at 15 and 16 years of age.
2. A more equal school privilege for each rural pupil and a more equal distribution of educational costs.
3. The raising of the standards of the poorer schools in the community.
4. The possibility for the better placement of teachers, a more healthy competition among rural teachers of the same area, the closer association of rural teachers in helpful groups, a greater contentment and happiness among rural teachers, and the elimination of teachers who become failures through lack of a natural aptitude for teaching or for other reasons.
5. The greater opportunity afforded of engaging special teachers of music, manual training, household science and agriculture, as well as of engaging school nurses and the carrying out of an adequate health programme for rural pupils.
6. The saving in expenditures for text books, library books, school supplies, etc., by purchasing in larger quantities at wholesale costs.
7. Increased local control of the schools, more interest in the needs of the schools, and more competent school boards as a result of trustee meeting regularly to discuss ways and means of improving the schools from all points of view.
8. More frequent joint conferences of teachers and trustees.
9. The possibility of the inspector meeting each larger unit board in his inspectorate once or twice a year.
10. Greater possibilities for co-operation in a broader manner than can be possible in the school section.
11. The improvement and beautification of school grounds and school buildings.
12. Better provision for practical courses for young people through night classes.
13. Greater opportunity for providing arrangement transportation of senior pupils to secondary schools or to Grade IX and X classes at suitable centres.
14. The readiness of dealing with a situation where a school of low enrolment has been closed until the increased number of pupils will warrant its reopening.

UNIONDALE PUBLIC SCHOOL

S.S. 4, East Nissouri, Oxford County

The Old School

This building, erected in 1875, superseded a log school built in 1860.

Courtesy St. Mary's Journal Argus

The New School Opened November 27th, 1941

This modern rural school building, costing $6,300, is rug-brick with a cottage roof. It is designed to serve not only as a school but also as a community centre. Modern features include a teacher's room, built-in wardrobe, built-in bookcases, recreation room in basement, venetian blinds, indirect lighting, and flood-lighted stage.

New Township School Areas were formed in 1941, as follows:—

Township	No. of School Sections	County or District	Inspector	Date
1. Burleigh N. and Anstruther	5	Peterborough	L. W. Copp	Mar. 8
2. Darling	6	Lanark	L. B. Hyde	Mar. 22
3. Calvin	3	Nipissing	J. W. Trusler	May 3
4. Himsworth North	3	Parry Sound	J. W. Trusler	May 5
5. McTavish	8	Thunder Bay	W. J. Judd	May 23
6. Eilber (Unorganized)	2	Cochrane	W. F. Hiscocks	May 27
7. Lavant	5	Lanark	L. B. Hyde	May 31
8. Laxton, Digby and Longford	5	Victoria	C. W. Lees	June 2
9. Garafraxa East	10	Dufferin	H. A. Halbert	June 2
10. Williamsburg	6	Dundas	W. J. Stewart	June 7
11. Chisholm	4	Nipissing	J. W. Trusler	June 7
12. Alice and Fraser No. 1	5	Renfrew	N. Campbell	June 7
13. Alice and Fraser No. 2	4	Renfrew	N. Campbell	June 7
14. Clute and Calder (Unorganized)	3	Cochrane	W. F. Hiscocks	June 7
15. Nipigon	4	Thunder Bay	W. J. Judd	June 9
16. Himsworth South	5	Parry Sound	E. R. Underhill	June 9
17. Loughborough	9	Frontenac	S. A. Truscott	June 13
18. Beverly	5	Wentworth	C. B. Routley	June 16
19. Way and Lowther (Unorganized)	3	Cochrane	W. F. Hiscocks	June 19
20. Guelph	9	Wellington	G. G. McNab	June 20
21. Portland (North)	4	Frontenac	S. A. Truscott	June 21
22. McKellar	5	Parry Sound	J. L. Moore	June 21
23. Nelles (Unorganized)	2	Rainy River	W. E. Eade	June 24
24. Richmond Centre	5	Lennox	K. O. Birkin	June 25
25. Camden East No. 1	5	Lennox	K. O. Birkin	June 26
26. Camden East No. 2	5	Lennox	K. O. Birkin	June 26
27. Sherbourne	2	Haliburton	A. Stouffer	June 27
28. Nipissing	6	Parry Sound	J. W. Trusler	June 28
29. Chandos	2	Peterborough	L. W. Copp	June 28
30. Marysburgh North	7	Prince Edward	A. F. Brown	June 30
31. Snowden	5	Haliburton	A. Stouffer	June 30
Additions to existing Township Areas:				
32. Griffith and Matawatchan	1	Renfrew	H. Bolingbroke	May 31
33. Otonabee	1	Peterborough	L. W. Copp	June 30

Transportation of Rural Pupils to Secondary Schools

The new courses of study for Grades IX and X (Fifth Classes), including the more practical subjects of business practice, shop work, home economics and agriculture, have made it almost impossible for the one-teacher school to do satisfactory work beyond High School Entrance standing. In two-roomed schools it is possible to offer satisfactory courses in Grades IX and X; but for the pupils of the many rural areas within easy reach of a continuation school, a high school or a collegiate institute it is much better to have the rural secondary pupils taken by transportation to the nearest secondary school. Some three years ago the Department of Education began offering rural boards of trustees a special grant if the boards, in groups of two or more, undertook to arrange for the transportation of the pupils to a secondary school. The arrangement proved to be most satisfactory to the rural people, with the result that approximately 350 boards of rural school sections now transport pupils to secondary schools. In this fiscal year the Department of Education will pay in grants for this service, on the basis of 50% of the cost, the sum of approximately $55,000.00.

The cost of equipping small high schools for the practical subjects makes it necessary that the schools which are provided with the necessary equipment should be as widely distributed as possible, in order that the high school needs of both rural and urban areas may be served economically.

The Scarcity of Qualified Teachers

Some six years ago it was estimated that the Province had a surplus of 3,000 qualified elementary school teachers who were without positions. This fact, and the lowered salaries paid in rural schools led to a rapidly decreasing annual attendance at the Normal Schools. When war broke out the young male teachers enlisted in large numbers. The number of marriages also increased rapidly, again taking a large number of young women teachers. Increased Federal Government office staffs has also taken a large number of teachers, particularly in the Eastern portion of the province. The net result is that at the end of the calendar year 1941 the province finds it necessary to give provisional or temporary standing to slightly more than 200 teachers in order that all the schools may be continued in operation. This situation will undoubtedly grow more serious in September, 1942, and it may become necessary to give temporary certificates to some 400 or more teachers at that time. The inspectors throughout the Province have surveyed the situation and many qualified women teachers have been brought back to the profession of teaching for the war period.

In September, 1941, the Department found it necessary to admit to the Normal Schools young people with standing in eight Upper School subjects rather than nine as formerly. It was also found necessary to lower the age of admission to the Normal Schools of applicants who had the necessary academic standing.

The schools may suffer somewhat in the efficiency of the work done, due to the number of unqualified teachers; but every effort will be made to keep the schools open and to stimulate all teachers to give their best service in the training of the pupils.

The Temporary Closing of Small Schools

Section 87 of The Public Schools Act gives the Minister of Education power to direct that a rural school be closed where for two consecutive years there have been fewer than eight pupils between the ages of five and fourteen years resident in the school section. It has not been the practice to make use of this power arbitrarily. The inspectors have discussed the advantages of closing a small school temporarily with the local trustees, and in most cases the boards have closed the school by their own resolution and, with the help of the inspectors, have arranged for the admission of the pupils to a neighbouring school or schools. In some cases the establishing of a transportation service by the board concerned has been necessary; but in all cases the closing has meant a considerable saving to the local ratepayers and a distinct educational advantage to the pupils, who find the work more stimulating in a school where the class-groups are of normal size. Over the period 1937 to 1941, inclusive, 272 rural schools have been closed, and in some cases reopened, as indicated in the table below:—

Schools closed before 1937	55	
Reopened	9	
		46
Schools closed in 1937	32	
Reopened	3	
		29
Schools closed in 1938	41	
Reopened	2	
		39
Schools closed in 1939	45	
Reopened	2	
		43
Schools closed in 1940	38	38
Schools closed in 1941	78	
Reopened	1	
		77
Number of schools closed		272

The following schools of low enrolment were closed temporarily in 1941:—

Inspectorate	Inspector	School	Date
Bruce East	J. M. Game	No. 3 Brant	June 29
Bruce West	G. C. Dobson	No. 6 Huron	June 30
Dufferin	H. A. Halbert	No. 9 Amaranth	June 29
Dufferin	H. A. Halbert	No. 11 Garafraxa East	June 29
Dufferin	H. A. Halbert	No. 8 Mulmur	June 29
Dundas	W. J. Stewart	No. 9½ Matilda	Sept. 2
Dundas	W. J. Stewart	No. 17 Matilda	Sept. 2
Frontenac North	T. J. Thompson	No. 7 Clarendon	Sept. 2
Frontenac North	T. J. Thompson	No. 9 Denbigh	Sept. 2
Frontenac North	T. J. Thompson	No. 10 Kaladar	Sept. 2
Frontenac North	T. J. Thompson	No. 7 Palmerston	Sept. 2
Frontenac South	S. A. Truscott	No. 5 Bedford	Dec. 22
Frontenac South	S. A. Truscott	No. 10 Beford	June 29
Glengarry	R. O. Staples	No. 3 Hawkesbury East	June 30
Glengarry	R. O. Staples	No. 10 Hawkesbury East	June 30
Glengarry	R. O. Staples	No. 14 Hawkesbury East	June 30
Glengarry	R. O. Staples	No. 15 Lochiel	June 30
Grey East	L. L. Sinclair	No. 4 Collingwood	Dec. 31
Grey East	L. L. Sinclair	No. U20 Collingwood	Mar. 31
Grey East	L. L. Sinclair	No. 2E St. Vincent	June 30
Hastings Centre	A. W. McGuire	No. U6 Huntingdon	June 30
Huron East	J. H. Kinkead	No. 12 Ashfield	June 30
Huron East	J. H. Kinkead	No. 13 McKillop	June 30
Huron West	E. C. Beacom	No. 14 Hay	June 30
Lambton (2)	J. J. Edwards	No. 23 Brooke	June 30
Lambton (2)	J. J. Edwards	No. 19 Warwick	Jnue 30
Lanark	L. B. Hyde	No. 4 Montague	June 30
Leeds and Grenville (1)	E. Oakes	No. 15 Bastard	June 30
Leeds and Grenville (1)	E. Oakes	No. 1 Crosby North	June 29
Leeds and Grenville (2)	E. Oakes	No. 13 Elizabethtown	June 30
Leeds and Grenville (2)	E. Oakes	No. 23 Elizabethtown	June 30
Leeds and Grenville (2)	E. Oakes	No. 6 Kitley	June 30
Leeds and Grenville (3)	R. A. A. McConnell	No. 5 Oxford-on-Rideau	June 30
Leeds and Grenville (3)	R. A. A. McConnell	No. 15 Oxford-on-Rideau	June 30
Leeds and Grenville (3)	R. A. A. McConnell	No. 15 Wolford	June 30
Northumberland Durham (1)	W. H. Carlton	No. 15 Cavan	June 27
Peterborough East	L. W. Copp	No. U2 Asphodel	June 30
Peterborough East	L. W. Copp	No. 11 Belmont and Methuen	Feb. 1
Peterborough East	L. W. Copp	No. 1B Burleigh and Anstruther (Reopened)	June 30
Peterborough East	L. W. Copp	No. 3 Burleigh and Anstruther	June 30
Peterborough West	R. F. Downey	No. 5 Verulam	June 30
Prescott and Russell	J. C. Webster	No. 18 Finch	Sept. 2
Prescott and Russell	J. C. Webster	No. U1, 17 Plantagenet North	Nov. 14
Renfrew North	N. Campbell	No. 3 Alice	April 10
Renfrew North	N. Campbell	No. 13 Westmeath	Sept. 2
Renfrew South	H. Bolingbroke	No. 7 Sherwood	June 30
Simcoe West	J. K. Evans	No. 10 Nottawasaga	June 30
District Division I	R. S. McBurney	No. 1 Allanwater	June 29
District Division II	W. E. Eade	No. 1 Sifton	April 10
District Division IV	W. J. Judd	No. 1 Empire	Sept. 30
District Division IV	W. J. Judd	No. 1 Forbes	Sept. 30
District Division VI	W. MacMillan	No. U1 Asquith	June 30
District Division VI	W. MacMillan	No. 1 Falconer	June 30
District Division VI	W. MacMillan	No. 1 Morse	Jan. 1
District Division VI	W. MacMillan	No. U1 Westbrooke and Garvey	Sept. 1
District Division VII	O. M. MacKillop	No. U9 Drury, Den., and Graham	Sept. 2
District Division VII	O. M. MacKillop	No. U3 Merritt	Sept. 2
District Division VII	O. M. MacKillop	No. 5 Merritt	Sept. 2
District Division VII	O. M. MacKillop	No. 1 Salter	Nov. 15
District Division VIII	S. Geiger	No. 4 Bright	June 30
District Division IX	W. F. Hiscocks	No. 1 Pyne	Oct. 31
District Division X	H. W. Brown	No. 1B McCart	Sept. 1
District Division XII	W. L. Lovell	No. 1A Hilliard and Armstrong	June 30
District Division XII	W. L. Lovell	No. U1 Nicol and Milner	June 30

Inspectorate	Inspector	School	Date
District Division XIII...	J. W. Trusler.....	No. 1 Afton.....	Sept. 2
District Division XIII...	J. W. Trusler.....	No. 2 Cameron.....	Oct. 8
District Division XIII...	J. W. Trusler.....	No. 1 Mattawan.....	June 30
District Division XIV....	E. R. Underhill.....	No. 4 Armour.....	Dec. 31
District Division XIV....	E. R. Underhill.....	No. U8 Brunel.....	June 30
District Division XIV....	E. R. Underhill.....	No. 7 Stisted.....	June 30
District Division XV....	J. L. Moore.....	No. U2 McMurrich and Ryerson...	Dec. 31
District Division XV....	J. L. Moore.....	No. 2 Spence.....	Sept. 2
District Division XVI....	G. S. Johnson.....	No. 5 Draper.....	June 30
District Division XVI....	G. S. Johnson.....	No. 2 Muskoka.....	June 30
District Division XVII...	A. Stouffer.....	No. 3 Lutterworth.....	Dec. 19
District Division XVII...	A. Stouffer.....	No. 3 Minden.....	Nov. 30
R.C.S.S. Division II.....	L. Carriere.....	R.C. No. U1 Striker and Cobden...	July 8
R.C.S.S. Division XIV...	W. A. Hayden.....	R. C. No. 14 Haldimand.....	June 30

Correspondence Courses

The success of the correspondence courses conducted by the Department of Education is evidenced by the increased enrolment of pupils. The total enrolment for the school year was 2,516. These lessons found their way into isolated homes from Moosonee, on James Bay, to Windsor, in Southern Ontario. Wherever His Majesty's mails could go by rail or airways the opportunity has been made available to children to pursue their studies in close conformity to the new courses of study, in their own homes. In addition these courses were made available to bed-fast patients in practically all the Sanatoria and Preventoria of the Province. During the last school year 61,968 lessons were submitted to this Department for supervision and correction. Ontario missionaries in Trinidad, Venezuela, Paraguay and the Belgian Congo were also provided with courses so that their children might follow the Ontario course of study.

The effectiveness of these courses was shown by the fact that at the Entrance examination, out of 25 pupils who were recommended to the High School Entrance Boards in the various localities 20 were granted their standing without writing the examination and the five who wrote not only succeeded in passing but stood well in the upper brackets among those who wrote at their respective centres. It is also quite apparent that by the use of correspondence courses the child of average intelligence may under favourable home conditions, reach Entrance standing at as early an age as one who attends a regular school.

The results in Grades IX and X have been equally satisfactory. In these grades one pupil completed seven subjects during the year, 5 completed six subjects, 5 completed five subjects, 25 completed four subjects, 7 completed three subjects, 13 completed two subjects, and 8 completed one subject. Those pupils completing fewer than four subjects in many cases enrolled later in the school term and thus could not complete the courses by June; but in those cases the pupils on enrolling in September may carry on from the last lesson completed in June. The courses in Grades IX and X serve a real purpose to pupils between the ages of 16 and 21 who have been out of school for some time and who have the desire to continue their studies but are prevented from doing so for various reasons.

The staff of the correspondence courses consists of 20 full-time teachers. The Department also supervises the recently introduced courses of the Canadian Legion for enlisted men, in Introductory English and Social Studies.

Railway School Cars

There has been little change in the School Car situation since the annual report of a year ago. The seven cars are pursuing their helpful way under the good work and careful management of the following teachers:—

C.P.R. School Car No. 1 — W. H. McNally
C.P.R. School Car No. 2 — William Wright
C.N.R. School Car No. 1 — Fred Sloman
C.N.R. School Car No. 2 — William Fleming
C.N.R. School Car No. 3 — A. D. Clements, B.A.
C.N.R. School Car No. 4 — H. F. Antoniak
T. & N.O.R. School Car — Angus McKay

The enrolment remains practically the same, ranging from 22 to 55 pupils per car. Several former school car pupils of Grades IX and X are now attending high and technical schools in nearby centres. One of these, Miss Eleanor White of Sowden, who took her Grade X work at that point on C.N.R. School Car No. 2, under Mr. Fleming, and now attending technical school in Port Arthur, was awarded the Canadian Daughters' League scholarship of $25.00 as the student who made the most progress during the year.

A new spur has been installed to accommodate C.N.R. School Car No. 4 at Amesdale, Quibell subdivision, near Sioux Lookout. Eleven children of school age are now being cared for at this point.

Possibly no other school services in Northern Ontario have received more appreciative comment than the correspondence courses and the school car service. The children served by the school cars live at lonely points along or near the railway lines of the northern part of the Province, where there are an insufficient number of children at any one point to warrant the organization of a public or separate school.

Music

A few years ago Music was regarded as one of the "frills" of the elementary schools. There was a demand, however, particularly on the part of mothers in the rural areas, for the further teaching of Music in the elementary schools. In 1934 the Department of Education appointed a Provincial Supervisor of Music, and since that time many special itinerant teachers of Music have been appointed in rural areas. The advancement of the subject in the public and separate schools over the last seven years is shown in the following table:—

Classrooms Giving Instruction in Music

	1935	*1941*
Cities	95%	98%
Counties	33%	78%
Districts	15%	53%
Separate Schools	18%	28%
Total	43%	72%

Music Festivals in the Spring of the year, toward the close of the school year, have done much to stimulate interest in the subject and to demonstrate to parents and ratepayers the quality of the work being done by the special and the regular teachers.

The Department of Education has supported the work in Music through special grants amounting to approximately 50% of the cost in the rural areas.

Health Teaching and School Medical Inspection

In the new courses of study for both elementary and secondary schools much greater emphasis has been placed on health teaching and the formation by the pupils of good health habits. No rapid extension of health services in the elementary schools has been made during the past year, but in those areas where the school trustees or the local Board of Health is offering a school medical inspection service the work has been well done, and a marked improvement in the general health of the pupils has been shown.

Authority has now been granted to county councils to provide for the employment of public health nurses for school health services at the expense of the county. Oxford County has taken advantage of this new legislation granted in 1940, and a splendid health service in all the schools of the county is now under process of organization. Some acceptable type of school health supervision exists in 197 municipalities. In 82 of these the service is locally operated by the school board. In 96 of these the service is locally operated by the Board of Health. There are 13 school medical inspection units which are combinations of rural and urban boards for this purpose. They are chiefly situated in the Niagara Peninsula. In 36 centres a dentist is associated with the service. Three hundred and thirty-eight nurses are engaged in this work, part time or full time. With the exception of three full-time and two part-time nurses, the special qualifications required by the regulations are met by the nurses.

In 24 centres school health supervision of some type has been extended to secondary schools.

The total amount expended in grants for medical and dental inspection for the year 1939 was $12,471.00.

The report of the extent to which male adults between 21 and 24, inclusive, are seriously handicapped by physical defects, recently presented by the Minister of National War Services for Canada, should again focus the attention of the local school authorities on the extension of school medical inspection to secondary school pupils. The statement that only 61.69% of all such young males are eligible for admission to Category A is of too great significance to pass over lightly. In many instances undoubtedly the presence of these defects had been drawn to the attention of disinterested or procrastinating parents when the individual was in attendance at the elementary school. In others no health service was in effect in the community in which the person affected attended school. Again, in others, the condition found was a development of adolescence and could not therefore have been recognized during the elementary school period. Irrespective of the relative significance of the various factors contributing to this most unfortunate state of affairs, the situation would appear to be of sufficient importance to warrant early action by all of the official agencies concerned.

Interchange of Teachers

Interchange of teachers between Ontario and other parts of the Dominion and of the Empire has suffered further curtailment because of the war. For the school year 1941-42 no attempt was made to arrange new overseas exchanges. The number of exchanges with teachers in other provinces was affected by the evident desire of teachers to remain with their families during this trying period.

Ord Marshall House, familiar to overseas exchange teachers as the headquarters of the League of Empire, has been damaged by enemy action. However, from temporary quarters nearby the Secretary, Miss E. A. Doggett, O.B.E., has sent letters appreciative of the contribution made by those exchange teachers

whose return to their homes was delayed during the summer of 1940 and by those who were unable to leave the British Isles during the years 1940-41 and 1941-42. Not only have these teachers adapted themselves admirably to changed conditions in educational work, but in addition they have assumed their full share of the many wartime duties of civilians.

Through the co-operation of Education Authorities overseas and in Ontario, it was possible to arrange extensions of the exchange period for those teachers who were unable to secure passage in time to resume their duties at home in September, 1941. Exchanges were arranged for the school year 1941-42 as follows:—

1 Ontario Public School teacher on exchange in Scotland
1 Ontario Separate School teacher on exchange in Scotland
3 Ontario Public School teachers on exchange in British Columbia
1 Ontario Public School teacher on exchange in Alberta
1 Ontario Public School teacher on exchange in Nova Scotia
3 Ontario Secondary School teachers on exchange in British Columbia

10 Ontario teachers on exchange during 1941-42.

Conclusion

The year 1941 was a very busy one for the elementary schools of the Province. In each inspectorate there were campaigns for funds in support of such organizations as the Junior Red Cross and the Navy League, and there was a constant and increasing effort toward the sale of War Savings Stamps and War Savings Certificates. Funds were raised by teachers and pupils for the purchase of ambulances and toward the different war charities and war relief funds. It is unfortunate that at the present time there is no summary available of the vast war effort of the pupils and teachers.

The regular work of the schools was well done in all parts of the Province, in spite of the many changes of teachers due to enlistments and to the entry of many teachers into office work, munitions factories and other activities pertaining to the successful conduct of Canada's war effort. No professional body has been called upon during the year to undertake more additional duties than the elementary school inspectors. They have responded willingly to every call and have given splendid leadership in both their regular school duties and in the more special duties of this critical period.

Except for very minor interruptions in a few areas, the elementary schools have been open for the full year. The attendance of the pupils has been maintained at a high level of regularity, and the proficiency of the pupils has never been higher. The teachers and inspectors are worthy of highest commendation for their untiring zeal and efforts in the best interests of the pupils.

Acknowledgment is made and thanks offered to all the officials who have made contribution to this report.

V. K. Greer,
Chief Inspector of Public and Separate Schools.

Toronto, March 31st, 1942.

Courtesy of the School Board

The Ridge Public School, Mersea Township, Essex County

This modern, four-room school has recently been erected at a cost of approximately $46,000 for building, and $6,000 for equipment, and is fireproof throughout. This structure has library, teachers' room, and complete kitchen. The basement contains a separate playroom for boys and girls, locker rooms and emergency nurse's room. Other special features include flush ceiling reflector blackboard lights, a thousand gallon per hour water pump, fire hose, asphalt tile floors, and moveable chair type desks.

The Board has already laid plans for levelling, seeding and planting the grounds.

APPENDIX B

REPORT OF THE CHIEF INSPECTOR OF SECONDARY SCHOOLS

I have the honour to submit herewith the reports of the High and Continuation School Inspectors and the Director of Vocational Education, for the school year 1940-41.

G. F. Rogers,
Chief Inspector of Secondary Schools.

Toronto, August 22nd, 1942.

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1. Report of the Inspectors of High and Continuation Schools

The school year 1940-41, the second during the progress of World War II, might well be expected to show a much greater effect of the war on the life and work of the schools than did the preceding year, 1939-40, which was already under way when war was declared.

In certain respects, however, the statistical record does not indicate any marked effect. Three new schools were established, a High School at Geraldton and Continuation Schools at Dublin and Port McNicoll. In addition Kirkland Lake High School was raised to the status of a Collegiate Institute and Preston Continuation School became a High School. The total number of teachers employed in the High Schools and Collegiate Institutes shows an increase of 93 over the previous year. In the Continuation Schools there was an increase of 18. In average salaries paid, small increases are shown, in the case of Collegiate Institutes and High Schools an increase of $2.00, and in the Continuation Schools one of $7.00. On the other hand, the total enrolment in the secondary schools shows a decrease. There were 5,711 fewer pupils in the High Schools and Collegiate Institutes and 846 fewer in the Continuation Schools. These decreases, however, show not so much an effect of the war as they do the continued effect of the general decrease in attendance in the Public Schools which has been noted for several years.

While, as pointed out above, the total number of teachers in the secondary schools shows a slight increase in spite of a considerable decrease in attendance, this is accounted for probably by two facts: first, in the great majority of the Continuation Schools, and in the smaller High Schools, the staffs have been so small that they could not be reduced further if they were to continue to carry on the full course of four or five years' work as heretofore; second, in the larger schools there was considerable overcrowding in previous years, and a corresponding high ratio of pupils per teacher in many schools. In these larger schools the effect of the decreased attendance has been to relieve the congestion in the classes and to reduce the ratio of pupils per teacher more nearly to the ratio of 30 to 1, which is set forth as a maximum in the High School Regulations. As the year progressed the number of teachers employed showed some decrease through enlistment for military service. Such enlistments were mainly from among the teachers of Physical Education, Mathematics and Science, and a shortage of teachers in these departments began to be noticeable. No record of these enlistments will be attempted here, as a complete record of enlistments of members of the teaching profession is being tabulated at the Department and will, it is expected, be published at the conclusion of the war.

In the matter of the new courses of study, which were being introduced in one grade at a time, those for Grade XII were offered this year, although the war had the effect of limiting and modifying them to some extent. The new course in Geography for Grade XII was printed and, like the new Grade XI course, was offered as an option; the projected courses in Biological Sciences for the Middle School were not established as had been planned; the new Grade XI course in Ancient and Mediaeval History was introduced, and this was taught, in a few cases, to pupils of Grade XII as well. These limitations were made to avoid, where possible, the necessity of introducing new textbooks.

In the operation of the schools themselves the effects of the war were noticeable in several ways. The length of the teaching year was considerably shortened, both at the beginning of the year in September and at the close of the year in May or June, by special arrangements which allowed pupils to assist with the work on the farms, and, in some cases, in essential war industries. This shortening of the year placed heavy responsibilities upon the teachers, as it required them to organize the work in each subject so as to cover as well as possible the whole course in a shorter time. The teachers as a body responded loyally to this emergency. Special classes were organized for pupils who had lost time, or private assistance given, in order to assist them in covering the work which they had missed. To quite an extent the situation was met also by a greater application on the part of the pupils themselves.

The effects of the war on the pupils were shown also in their general extra-curricular programme, which now began to include more activities directly connected with the war. The pupils were organized under their teachers to assist in the various war efforts of the community in which the school was located. The extent of these activities and something of the work accomplished is shown in the tabulated statement which follows:

	Collegiate Institutes	High Schools	Continuation Schools	Private Schools	Grand Total of Secondary Schools
Number of Schools	72	159	200	91	522
Number Reporting	65	130	130	56	381
War Certificates sold	$259,763.35	$129,537,85	$25,793,85	$16,362.25	$431,457.30
War Funds:					
1. Navy	1,030.39	488.64	253.84	153.74	1,926.61
2. War Victims	2,733.96	1,930.33	1,010.73	165.01	5,840.03
3. Others	11,301.23	7,791.80	1,744.95	3,946.80	24,784.78
Red Cross:					
1. In cash	6,541.55	6,823.20	2,556.38	2,053.08	17,974.21
2. In value of garments made	15,672.40	11,078.27	1,640.60	1,349.50	29,740.77
Other Gifts	5,769.21	572.03	35.00	143.70	6,519.94
Value of Salvage collected	2,276.88	1,786.40	1,036.53	299.40	5,399.21
Total funds raised for War purposes	$305,088.97	$160,008.52	$34,071.88	$24,473.48	$523,642.85
Special Training Courses Taken:					
1. St. John's Ambulance	2,544	815	18	128	3,505
2. Nursing	1,875	478	79	93	2,525
3. Other Courses	2,648	711	97	324	3,780
All Courses	7,067	2,004	194	545	9,810

This tabulated statement scarcely tells the whole story. Among the schools from which reports have not been received are a number of large schools. These schools would probably have reported considerable amounts raised. Many of the schools reporting did not keep complete records for the school year 1940-41, and were careful not to overstate their totals. This was particularly true of the amount and value of the garments made for the Red Cross and for associated bodies, and of the tonnage and value of waste material salvaged. Where values were not reported by the school they have been arbitrarily set, for the purpose of this report, at 50c. per garment, and at $8.00 per ton of salvage, respectively. Again, many of the schools reported that in the Red Cross work and in the collection of salvage the pupils worked through the community organization, and thus the school's share in such work could not be reported separately. In addition to the types of work tabulated above other war activities were reported from many schools. Great quantities of books and magazines were collected, sometimes for direct contribution to training centres, more often for distribution through one or more of the War Service organizations. Most schools, also, have established lists of ex-pupils now serving with the armed forces, and have organized to keep in regular touch with them by sending boxes of comforts and special treats. Occasionally the school camera club has made up folders of school and town views as reminders of home. Other schools have made and packed "ditty bags" for the sailors.

The raising of more than half a million dollars for the prosecution of the war, by 381 of the secondary schools of the province, is no small accomplishment. Judging from many reports received, however, there is little doubt but that the total for the year 1941-42 will be close to the million mark.

The record of the war service of the high school boys and girls would be incomplete without some report on the assistance given by many of them in farm work or in other essential war industries. The records of the Middle and Upper School examinations show that 8,268 pupils were granted their certificates on the submission of evidence of at least eight weeks at such work during the season of 1941. From the Department of Labour, also, comes the statement that 14,000 secondary school pupils worked on farms during the same season.

When visiting the schools the Inspectors have found increasing evidence of the effect of these war activities on the pupils engaged in them. The very considerable help that they have been able to give in the prosecution of the war has had its natural reflex influences. Pupils generally have applied themselves more zealously to their school work, and have come to realize the direct bearing of much of their studies on the practical affairs of life. The events of the war from day to day have been used quite frequently by both teachers and pupils to give an added interest to various subjects, and undoubtedly too these young people have now acquired a clearer understanding of the issues involved in the war. All these effects must, in turn, help determine every pupil's ideal in life and his choice of a vocation.

During the year 89 private schools applied for and were granted inspection of their Middle School classes in order that they might be permitted to recommend for certificates those of their pupils who should complete their courses successfully. This was the second year of such inspection for the majority of these schools, and it was very gratifying to note evidences of improvements in the facilities for teaching the courses, in the qualifications of the teachers in some cases and in the character of the work done in the classroom. Since the

previous inspection a number of these schools had provided excellent facilities for individual practical work by pupils in Science. In a few cases the laboratories provided were of such excellence that they might well serve as models for other small schools that are not now as well equipped. Several other schools of the tutorial type, where previously Physics and Chemistry had been taught almost wholly from the textbook, this year had devised special furnishings and equipment in order that their pupils, either individually or in groups, might perform the prescribed experiments in Science. In several of the private schools other improvements in accommodations were effected, such as better classrooms, improved lighting and more blackboards.

We would offer a tribute of esteem to the memory of the following teachers who, during the last seven years, have been removed by death after more than twenty-five years of faithful service in the profession: Claire A. H. Hitchon of Belleville; Arthur M. Overholt of Brantford; John A. Anderson of Brockville; David Knight of Central Collegiate Institute, Hamilton; Norval J. Ireland of South Collegiate Institute, London; Col. C. H. Vandersluys of Niagara Falls; Norman A. Irwin of Glebe Collegiate Institute, Ottawa; Jessie Muir of Lisgar Collegiate Institute, Ottawa; Alexander W. Baird of Renfrew; W. Oliver Asselstine of St. Catharines; Albert Williams of Forest; and Alfred C. Bernath of Huntsville.

During the year the Inspectoral staff was increased by the appointment of Mr. Henri Lemieux, from the staff of the Ottawa University Normal School. His education, training and experience qualify him to render a distinct service.

R. W. Anglin,
A. J. Husband,
W. A. Jennings,
A. G. Hooper,
S. D. Rendall,
R. H. Wallace,
G. L. Gray,
T. Kennedy,
C. W. Robb,
H. Lemieux.

Toronto June 30th, 1942.

2. Report of the Director of Vocational Education

Due to the introduction of War Emergency Classes in the vocational schools during the holiday months of July and August 1940, the commencement of the term in September was marked by a number of perplexing organization problems. At the request of both the Federal and Provincial Departments of Labour, the Minister decided to continue the special war classes after the opening of school and arrangements were made accordingly to provide for these concurrently with the regular day and evening classes. As teachers of trade subjects were required for this practical work, the regular day staffs were called upon to fill the need. Classes were operated in some schools for the entire twenty-four hours of each day, involving a serious physical strain on the shop instructors and necessitating a drastic rearrangement of time tables. Co-operation on the part of principals, directors, and instructors succeeded in overcoming the difficulties, and a dual programme was conducted throughout the year with little interruption of the regular work of the schools. In order to ensure the greatest possible use of the available shop accommodation and equipment for the war effort, the hours of

the day-school students were staggered in several schools while in others, certain non-essential night classes were discontinued entirely. The vocational schools became the training ground for a vast industrial army.

From the introduction of the scheme in July 1940 to the end of June 1941, 25,616 men and women, out of a total for the whole Dominion of 41,758, were given special training in Ontario vocational schools to fit them for industrial war work, and 6,450 members of the armed forces, out of a Dominion total of 18,920, received instruction as artificers and technicians. Ontario thus provided, from 28 vocational schools, out of a total of approximately 100 schools of all types spread across the Dominion, over 61% of the industrial trainees and 34% of those preparing for entry into the army, navy and air force under the War Emergency Training Programme. Training was given in aircraft manufacturing, machine shop practice, sheet metal work, welding (acetylene and electric), industrial chemistry, cooking (for men and women in Army services), electricity and radio mechanics, pattern making and woodworking, automobile mechanics, blacksmithing, drafting, plumbing and related blue-print reading and mathematics. Instruction was also offered in preparation for clerical and accounting positions in the army and air force. The training of women for industry was restricted to sponsored classes, mostly in power sewing-machine work and light welding. Special courses for radio technicians were provided in the Central Technical School, Toronto, the Westdale Technical School, Hamilton, and the Ottawa Technical School. The results of the external examinations set by the R.C.A.F. for candidates trained in these 3 schools were so commendable that special mention was made in the report of the examiners of the outstanding success achieved by these particular trainees. A number of fine-instrument workers were trained in the Central Technical School, Toronto, and the Ottawa Technical School; and courses for tool improvers were inaugurated in the Western Technical School, Toronto, and the Westdale School in Hamilton. The usual length of each of the courses was three months, or 13 weeks of 44 hours, which, compared to an ordinary school week of 27 hours, will illustrate the strain under which the shop teachers have been working. In the case of tool makers, radio mechanics, and instrument makers, the courses were extended to 6 months, approximating 1,144 hours of training. The majority of trainees took the general metal working course outlined in my report of last year.

These emergency courses, designed to train skilled and semi-skilled workers for war industry and the armed forces, were inaugurated under an agreement between the Federal and Provincial Governments, whereby the Provinces assumed the cost of administration and 50% of the cost of the special equipment required. The Dominion accepted the responsibility for the remaining 50% of the equipment cost, and for teachers' salaries, supplies, and subsistence allowances to trainees. The vocational school shops and equipment were made available by the local school authorities unhesitatingly and without charge. This spontaneous co-operation on their part is fully appreciated and gratefully acknowledged.

Until March 31, 1941, the War Emergency Programme in Ontario was administered by the Vocational Branch of the Department of Education. Subsequently an inter-departmental committee was formed, consisting of representatives of the Departments of Education and Labour, with a Regional Director appointed by the Dominion Government as secretary. Administration offices were opened in the East Block of the Parliament Buildings at Toronto, and Inspector A. M. Moon of the Vocational Branch of the Department of Education

was loaned to the committee as Director of Training. Inspector Moon was active in organizing the initial training programme, and its subsequent success is largely attributable to the energy and organizing ability he displayed in the early stages of the movement.

The vocational school has proved to be an organization capable of swift transition from a peace-time programme to one which meets the necessities of war. It is fortunate for this country that at the outbreak of war, the extensive accommodation, equipment and qualified technical staffs of these institutions were available to train the thousands of mechanics required by industry and the armed forces. In Ontario, especially, where a successful system of vocational education has been in operation for over twenty years; where skilled tradesmen receive intensive training to qualify them as teachers; and where the school boards, from the outset, have enjoyed a close contact with industry through advisory vocational committees representative of both employers and employed, the vocational schools have shown an amazing adaptability to war-time requirements. The expansion of the facilities of the workshops to accommodate an unprecedented influx of metal workers, aircraft mechanics, radio technicians, tool makers and artificers for the army, navy and air force, as well as the civilian personnel required for the production of war materials, was brought about with a smoothness that has won the admiration of military and civilian authorities alike. This transofrmation has taken place with practically no interference with the daily instruction of thousands of adolescent boys and girls, who by training and aptitude, will later be capable of taking an important part in the conflict should the present urgent need for mechanics persist. It is scarcely an exaggeration to state that without the vocational schools the war effort of the Dominion would have been tremendously handicapped and its effective participation in the defence of the Empire seriously retarded.

This outstanding contribution of the vocational schools to the common cause has been made possible by the tireless energy of the shop directors, the unremitting labour of their assistants, the cordial co-operation of school principals, and the unfailing support of local school boards and advisory committees in all matters incidental to the successful prosecution of the war. The vocational shop directors, by virtue of their positions as heads of departments and their engineering training, have a wider knowledge, experience and appreciation of the requirements of industry, and greater opportunities for collecting and distributing information regarding available occupations and employments than any other known agency. Results bear testimony to the determination of all concerned to support the Minister in his endeavour to furnish the semi-skilled manpower without which our labour supply would have been both inadequate and ineffective. A debt of gratitude is owed to these men and women, individually and collectively, for their unselfish devotion to duty.

Regular Day Classes

Notwithstanding the pressure caused by the introduction of war training, the work of the vocational day schools during the year was maintained at a high standard of efficiency. Considerable skill was displayed in the organization of time tables, which in most cases were ready well in advance of the opening of school. The advantage of lesson-aid material, prepared by the teachers for the use of the pupils has been generally accepted. In some instances, a tendency developed in this connection to utilise too freely the services of the commercial students in preparing the lesson sheets. Additional office help was suggested

as a remedy. The necessity for the periodical replacement of obsolete and outworn equipment, constantly emphasized over the years, is now generally recognised. It is apparent that catalogue costs seldom represent the true value of equipment on hand, and that natural depreciation should always be provided for. In accordance with the instructions of the Minister, encouragement has been given to pupils to participate in Red Cross work or other war services, the time allotment for the practical subjects being increased wherever possible with this purpose in view.

From the comparative statistical table appearing below, it will be seen that a considerable change in enrolment has taken place. Although the number of day schools remains the same as last year, the number of pupils dropped from 36,502 to 30,967, while the number of teachers increased from 1,631 to 1,684, and municipal expenditures (net) increased by $687,687. This state of affairs is directly attributable to war conditions. On the one hand, many pupils from the senior classes were absorbed by war industry or the armed forces; on the other hand, salaries have mounted, bonuses have been paid, and it has been necessary to employ additional semi-trained or untrained teachers to replace those on active service or loaned for war employment.

Evening Classes

The evening class registration showed a reduction from 34,983 to 32,135, and in this instance, the number of teachers fell from 1,081 to 1,045. Here, too, the war situation has been the main reason for the depleted enrolment. Many adult workers are now employed at night and consequently are debarred from attending evening classes, and a number of non-essential classes have been discontinued to make way for war emergency night shifts and soldiers' training. The character of the general work in the night schools has been satisfactory.

Comparative statistics for vocational schools and departments are as follows:

	1922-23	1939-40	1940-41
Number of Schools—Day	16	62	62
Number of Schools—Evening	51	48	49
Number of Pupils—Day	9,402	36,502	30,967
Number of Pupils—Evening	35,511	34,983	32,135
Number of Teachers—Day	337	1,632	1,684
Number of Teachers—Evening	1,097	1,081	1,045
Government Grants	$638,217	$1,289,444	$1,079,818
Municipal Expenditure (Net)	$1,233,397	$4,595,902	$5,283,589

Peace-time Activities

The versatility of vocationally-trained students is illustrated by the success of pupils from one of our commercial schools in a new diamond industry which was brought to the City of Toronto through the efforts of the Toronto Industrial Commission. The essential pre-requisite for starting the industry was the assurance of suitable personnel. One of the directors of the Eastern High School of Commerce, who has shown particular interest in the placement of students in industry and commerce, and who is in continuous touch with the Commission, suggested that boys and girls from this school could meet the fundamental requirements for workers in the diamond industry. It appears that the delicate operations of the trade call for a combination of manual dexterity and the mental alertness associated with the study of mathematics. The proprietors of the firm made an investigation, and it was found that commercial students, trained in the manipulative skills of shorthand and typewriting, and possessing a back-

ground of practical Mathematics and Science, were exceptionally well-fitted for the requirements of the trade, which consists in sawing, cutting and polishing diamonds.

The outcome of preliminary tests convinced the proprietors that suitable workers were available, and the industry was established in Toronto. Out of 55 apprentices employed by the firm, 32 (of both sexes) were supplied by the Eastern High School of Commerce, and it is stated that, but for the shortage of advanced students, more would have been taken. The proprietors, who escaped from Holland and Belgium at the outbreak of war, freely admitted, after several months of trial, that Canadian boys and girls compare favourably as diamond workers with the young people of Europe, where the business is more or less a family affair, handed down from father to son.

The value of the co-operation of the Toronto Industrial Commission in connection with the placement of Toronto vocational students, cannot be over-emphasized. The Commission keeps the schools informed of the latest industrial and commercial developments, and is the means, not only of introducing into Canada the best of European trade skills and craftsmanship, but of paving the way for the acquirement of these skills and crafts by the young people of this country. The part played by the vocational schools in supplying personnel for the war industries is widely recognized: their contributions to the arts of peace are no less important.

General Shop and Home Economics in High Schools and Continuation Schools

The teacher-training programme, to which reference was made in my last report, received a noticeable set-back by reason of the discontinuance of summer courses. As a consequence, teachers without the regular qualifications are being granted permission to teach for one year only, renewable annually, upon application of the board, until qualified teachers are available Apart from this difficulty, the work has gone forward with increasing success. The reports of the inspectors indicate a considerable improvement in the standard of work, and this is reflected in the annual grading grants which show a substantial upward tendency. The instruction in shop work is widely diversified and the skills attained in a variety of trades, particularly in farm mechanics, should materially assist local war industries and agricultural production. During the school year 1940-41, 124 secondary schools and fifth classes received grading grants under the Regulations. An important provision of the Regulations is that both General Shop and Home Economics courses must be taught to obtain recognition, except where the school is composed of pupils of one sex only. This provision is to ensure that both boys and girls will have an opportunity to participate in studies of a practical nature.

Manual Training and Home Economics in Public and Separate Schools

As previously explained, two schemes are in operation at the present time, one for urban centres and another for rural areas. Instruction is optional, and either one or both courses may be given. According to the latest available figures, the following is a comparison of the centres holding classes under the two schemes as between the years 1939-40 and 1940-41.

	Number of Centres		
	Manual Training	Home Economics	Total
1939-40 Urban Scheme	163	169	332
1940-41 " "	148	168	316
1939-40 Rural Scheme	407	361	768
1940-41 " "	331	285	616

The work of the urban centres has been well sustained. The drop in the number of rural schools is mainly attributable to the discontinuance of grants to teachers. All grants are now paid direct to the boards. The regulations no longer recognise partial certification, and disinterested teachers have withdrawn. Local inspectors are promoting the work in every desirable location.

General Remarks

In this report the war effort of the vocational schools has been mainly under review. All indications point to a consistent endeavour on the part of those responsible for the education of our young people to maintain at the same time the high standard of academic instruction essential to a realization of the meaning of those free institutions for which the allied nations are fighting.

F. S. Rutherford,
Director of Vocational Education.

Toronto, February 17th, 1942.

APPENDIX C

REPORT OF THE DIRECTOR OF PROFESSIONAL TRAINING

Normal School Attendance

Normal School	Number of Students						
	1939-40	1940-41			1941-42		
	Total	Men	Women	Total	Men	Women	Total
Hamilton	117	15	108	123	7	103	110
London	162	22	106	128	24	148	172
North Bay	102	12	72	84	6	78	84
Ottawa	133	7	97	104	15	101	116
University of Ottawa (1st)	36	10	13	23	16	14	30
University of Ottawa (2nd)	149	29	144	173	13	104	171
Peterborough	94	17	64	81	14	79	93
Stratford	108	27	76	103	16	92	108
Toronto (1st)	339	30	241	291	38	236	274
Toronto Primary School Specialist	7	.....	21	21	.....	8	8
Totals	1,247	180	942	1,131	149	963	1,112

In September, 1940, 104 applicants who held but eight of the required nine Upper School papers were permitted by special regulation to enter Normal School. In September, 1941, 76 applicants were thus admitted. Twenty-three teachers from Britain and from the other provinces of Canada who had equivalent Upper School standing and who had attended a teacher-training institution for at least one annual session have applied this year to write the Normal School examinations to qualify for Ontario teaching certificates.

Medical Inspection of Training Schools

All applicants to Training Schools are requried to submit to a medical examination before they are finally accepted. In 1937-38 seventeen applicants were rejected; in 1938-39 twenty-seven; in 1939-40 twenty-six; in 1940-41 thirteen; in 1941-42 seventeen. Applicants suffering from physical handicaps of a less aggravated nature are permitted to enter on signing a consent, waiving claim to a disability pension under The Teachers' and Inspectors' Superannuation Act. In 1939-40 two signed waivers; in 1940-41 seven; in 1941-42 thirty-eight.

Cost of Medical Inspection, 1940-41

Amount paid physicians for medical examinations: 1,348 at $4		$5,392.00
Amount paid hospitals and radiologists for X-ray films		473.60
Amount paid for consultants obtained by Medical Board		290.00
Refund of fees to students excluded by the Medical Board		26.00
Fees paid by students	$2,771.00	
Amount paid by Teachers' & Inspector's Superannuation Commission	1,705.30	
Amount paid by Ontario Government	1,705.30	
	$6,181.60	$6,181.60

Exchange

For the school year 1941-42 Mr. W. K. F. Kendrick, Master on the staff of the Toronto Normal School, is on exchange with Inspector C. A. Lapp, Simcoe South and York, and Mr. J. V. McIntyre, Master on the staff of the Hamilton

Normal School, with Inspector J. V. Scanlan, R. C. Separate Division XI. Owing to the taking over of the Toronto Normal School by the Department of National Defence, however, Mr. Lapp was assigned to the Inspectorate of York (1), and Miss M. G. Irving, Master on the staff of the Hamilton Normal School, temporarily transferred to the staff of the Toronto Normal School in place of Mr. Kendrick. Seventeen of the thirty-seven Principals and Masters on the staffs of the eight Normal Schools will have now obtained experience in the inspection field. Several Inspectors who have been on exchange with Normal School Masters are being asked this year to assist in the marking of the Normal School examination papers and to take part in the attending conferences. It is felt that these exchanges are doing much to develop a better understanding between the Normal Schools and the Inspectoral group and to continue an interest in professional training among the teachers-in-service.

Toronto Normal-Model School

In response to an emergency request the property of the Toronto Normal-Model School was in July placed at the disposal of the Department of National Defence, Ottawa, for the duration of the war, to be used as an R.C.A.F. training station. The Toronto Board of Education extended wholehearted co-operation in effecting necessary changes. The Model School was discontinued, its four hundred and fifty pupils being largely absorbed the following September by the Toronto Public School system. The Earl Kitchener Public School property, 870 Pape Avenue, was rented from the Toronto Board of Education to be used as a Normal School during the period of the war. The equipment was transferred from the old building and the school opened happily the following September. Mr. Adam McLeod, Headmaster of the Model School, was appointed Acting-Inspector, Frontenac North and Addington; the services of Mr. C. Sharpe were loaned to the University of Toronto Schools; Miss Jessie I. Cross, B.A., was appointed as a Supervising Teacher in York (3) and (4); Miss Doris R. Soden, Miss Jessie McKay, Mrs. K. Crawford and Miss Marion Evans were attached to the Toronto Public School staff; Mrs. Vera S. Fuller, Secretary, was transferred to the Correspondence Courses Branch of the Department of Education.

Changes in Staffs

In addition to those recorded above the following changes occurred on the staffs of the several Normal Schools of the province:—

In August, 1940, Mr. Francis McCordic, Headmaster of the Toronto Model School, retired after forty-three years of teaching service. Mr. McCordic was born and received his early education in the County of Lambton. After serving as Principal of the Brigden, Point Edward and two of the Sarnia Public Schools he was appointed Assistant Master in 1912, Acting Headmaster in 1923 and Headmaster in 1926, of the Toronto Model School. The high ideals of efficient Christian citizenship which characterized his life and his teaching are carried to-day in the hearts of hundreds of graduates from the old Toronto Model School as the result of his untiring devotion.

In September, 1941, Mr. Adam McLeod, Assistant Master on the staff of the Toronto Model School, was appointed to succeed Mr. McCordic as Headmaster.

In May, 1941, Mr. F. Stanley Rivers, Master on the staff of the North Bay Normal School, was loaned to the Canadian Council of Education for Citizenship to serve as Executive Secretary of that organization.

In June, 1941, Mr. Gordon Apperley, Manual Training Instructor on the staff of the Toronto Normal-Model School, and in the following month Mr. Robert G. Kendall, Assistant Master on the staff of the Toronto Model School, were granted leave of absence for the duration of the war for the purpose of enlisting in His Majesty's Forces.

In September, 1941, Mr. J. D. Deyell was transferred from the staff of the Ottawa Normal School to the staff of the North Bay Normal School; Mr. R. H. Roberts from the staff of the Peterborough Normal School to duty as Inspector, Leeds (1); Mr. W. L. Stricker, Manual Training Instructor on the staffs of the Hamilton and the Peterborough Normal Schools, was appointed temporarily to take over the work of Mr. Gordon Apperley in the Toronto Normal School during the absence of the latter.

Mr. W. J. Neale was granted leave of absence, because of ill health, from September, 1941, to January, 1942, and was superannuated as of February 1st, 1942.

In October, 1941, Mr. Stanley Watson, Master on the staff of the Toronto Normal School, enlisted, and was granted leave of absence for the duration of the war. Mr. F. B. Smitheram, Principal of the Callander Public School, was appointed temporarily to the staff of the Toronto Normal School in place of Mr. Watson.

In March, 1942, Dr. O. E. Ault, Master on the staff of the Ottawa Normal School, who was on leave of absence for the purpose of serving as Adviser to the Director of Technical Instruction, enlisted, and his leave of absence was modified accordingly.

H. E. Amoss,
Director of Professional Training.

Toronto, March 31st, 1942.

APPENDIX D

REPORT OF THE DIRECTOR OF FRENCH INSTRUCTION ON THE SCHOOLS ATTENDED BY FRENCH-SPEAKING PUPILS, 1941

Appointments

Mr. Henri Lemieux, B.A., B.Paed., formerly on the teaching staff of the University of Ottawa Normal School, was appointed High School Inspector in January, 1941. Previous to his Normal School appointment in 1936, Mr. Lemieux had taught for several years in the secondary schools of Plantagenet and Cornwall and had served as assistant principal and as principal of the Model Training Schools at Embrun and Sturgeon Falls.

Mr. Arthur Godbout, B.A., who was on the Kirkland Lake Collegiate Institute and Vocational School staff, was appointed to the University of Ottawa Normal School to succeed Mr. Lemieux.

Teachers' Training and Qualifications

In 1940-41, there were 187 teachers-in-training at the University of Ottawa Normal School, 23 of whom were enrolled in the First Class course, and 164 in the Second Class course. As a result of the term and final examinations, 21 students were awarded First Class teachers' certificates, and 140 obtained Second Class certificates.

The following table shows the number and percentage of Ontario French-speaking elementary school teachers holding First or Second Class certificates in November, 1941, and the progress made in this regard since 1929:—

	1929	1937	1938	1939	1940	1941
Total number of French-speaking teachers in Elementary Schools	1,087	1,281	1,316	1,390	1,416	1,438
Number of above teachers holding I or II Class certificates	273	1,018	1,135	1,271	1,311	1,307
Percentage of French-speaking teachers holding I or II Class certificates	25.11	79.46	86.24	91.43	92.58	90.89

Age-Grade Distribution of Pupils in Elementary Schools

The following tables present a compilation of the French-speaking School Inspectors' Annual Age-Grade Summary Reports for May, 1941:—

TABLE No. 1

AGE-GRADE DISTRIBUTION IN ELEMENTARY SCHOOLS ATTENDED BY FRENCH-SPEAKING PUPILS, MAY 1941

(A) Separate and Public Schools

(i) Rural and Urban

Grade	Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. and over	Totals	Totals Per cent.
I	.....	155	2,470	3,463	1,617	620	191	97	36	22	4	1	.....	.....	.....	.....	8,676	17.25
II	.....	18	351	1,939	2,585	1,266	505	215	103	32	5	.....	1	1	.....	.....	7,021	13.96
III	.....	.....	4	115	1,527	2,511	1,502	727	333	151	56	12	.....	.....	.....	.....	6,938	13.80
IV	.....	.....	.....	16	188	1,339	2,166	1,390	801	381	135	32	6	.....	.....	.....	6,454	12.84
V	.....	.....	.....	1	9	249	1,267	1,872	1,443	819	386	109	10	1	.....	.....	6,166	12.26
VI	.....	.....	.....	.....	.....	21	271	1,163	1,631	1,268	624	208	36	4	.....	.....	5,226	10.39
VII	.....	.....	.....	.....	.....	3	38	292	987	1,359	972	414	68	8	.....	.....	4,141	8.23
VIII	.....	.....	.....	.....	.....	.....	.....	53	382	1,048	1,195	860	286	73	4	1	3,902	7.75
IX	.....	.....	.....	.....	.....	.....	.....	1	23	114	288	291	145	47	6	.....	915	1.82
X	.....	.....	.....	.....	.....	.....	.....	.....	2	17	98	213	190	69	13	3	605	1.20
Jr. Auxiliary Classes	.....	.....	.....	.....	.....	2	7	12	26	35	84	60	26	....	.....	.....	252	.50
Grand Totals	.....	173	2,825	5,534	5,926	6,011	5,947	5,822	5,767	5,246	3,847	2,200	768	203	23	4	50,296	.....

Note:—Heavy lines denote ideal age spread for each grade.

(ii) RURAL

Grade	Sex	Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. and over	Totals	Totals by Grades
I	Boys	.....	48	568	783	407	139	48	33	10	8	.....	.....	.....	.....	.....	.....	2,044	
	Girls	.....	19	134	553	603	286	87	45	16	8	3	.....	.....	.....	.....	.....	1,754	3,798
II	Boys	.....	17	263	512	382	205	102	54	16	9	.....	.....	.....	.....	.....	.....	1,564	
	Girls	.....	1	23	328	561	284	103	33	20	5	2	.....	1	.....	.....	.....	1,361	2,925
III	Boys	.....	.....	1	16	247	485	363	186	104	42	20	3	.....	.....	.....	.....	1,467	
	Girls	.....	.....	2	31	298	470	268	136	48	35	11	2	.....	.....	.....	.....	1,301	2,768
IV	Boys	.....	.....	.....	.....	32	209	436	335	239	109	35	6	2	.....	.....	.....	1,403	
	Girls	.....	.....	.....	3	34	268	411	248	123	68	18	4	1	.....	.....	.....	1,178	2,581
V	Boys	.....	.....	.....	.....	4	35	186	332	315	219	91	28	2	1	.....	.....	1,213	
	Girls	.....	.....	.....	1	4	81	268	370	271	113	42	15	1	.....	.....	.....	1,166	2,379
VI	Boys	.....	.....	.....	.....	.....	2	39	188	286	291	132	47	7	.....	.....	.....	992	
	Girls	.....	.....	.....	.....	.....	6	75	280	330	229	85	20	3	.....	.....	.....	1,028	2,020
VII	Boys	.....	.....	.....	.....	.....	1	5	40	141	222	176	58	10	1	.....	.....	654	
	Girls	.....	.....	.....	.....	.....	.....	13	79	221	270	152	45	11	.....	.....	.....	791	1,445
VIII	Boys	.....	.....	.....	.....	.....	.....	.....	12	46	163	198	177	52	9	2	.....	669	
	Girls	.....	.....	.....	.....	.....	.....	.....	12	83	219	240	149	52	5	.....	.....	760	1,429
IX	Boys	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	16	16	14	10	.....	.....	59	
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	3	17	32	48	18	7	1	.....	126	185
X	Boys	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	3	17	10	4	1	.....	36	
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	20	34	28	16	2	1	105	141
TOTALS BY SEXES	Boys	.....	65	832	1,311	1,072	1,076	1,179	1,180	1,157	1,067	671	352	97	25	3	.....	10,101	
	Girls	.....	20	159	916	1,500	1,395	1,225	1,203	1,115	968	605	317	115	28	3	1	9,570	
GRAND TOTALS	.....	.....	85	991	2,227	2,572	2,471	2,404	2,383	2,272	2,035	1,276	669	212	53	6	1	.....	19,671

NOTE:—Heavy lines denote ideal age spread for each grade.

(iii) URBAN

Grade	Sex	Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. and over	Totals	Totals by Grades
I	Boys	.....	38	888	1,091	335	116	33	13	5	2	1	.....	.....	.....	.....	.....	2,522	
	Girls	.....	50	880	1,036	272	79	23	6	5	4	.....	1	.....	.....	.....	.....	2,356	4,878
II	Boys	.....	.....	18	495	847	446	209	82	47	14	1	.....	.....	1	.....	.....	2,160	
	Girls	.....	.....	45	604	795	331	91	46	20	4	.....	.....	.....	.....	.....	.....	1,936	4,096
III	Boys	.....	.....	.....	30	438	774	531	253	128	50	23	5	.....	.....	.....	.....	2,232	
	Girls	.....	.....	1	38	544	782	340	152	53	24	2	2	.....	.....	.....	.....	1,938	4,170
IV	Boys	.....	.....	.....	9	53	350	633	438	248	133	66	18	3	.....	.....	.....	1,951	
	Girls	.....	.....	.....	4	69	512	686	369	191	71	16	4	.....	.....	.....	.....	1,922	3,873
V	Boys	.....	.....	.....	.....	1	52	351	577	482	289	165	48	6	.....	.....	.....	1,971	
	Girls	.....	.....	.....	.....	.....	81	462	593	375	198	88	18	1	.....	.....	.....	1,816	3,787
VI	Boys	.....	.....	.....	.....	.....	6	65	279	457	375	221	86	18	2	.....	.....	1,509	
	Girls	.....	.....	.....	.....	.....	7	92	416	558	373	186	55	8	2	.....	.....	1,697	3,206
VII	Boys	.....	.....	.....	.....	.....	2	10	71	276	409	337	197	28	5	.....	.....	1,335	
	Girls	.....	.....	.....	.....	.....	.....	10	102	349	458	307	114	19	2	.....	.....	1,361	2,696
VIII	Boys	.....	.....	.....	.....	.....	.....	.....	11	89	276	330	293	100	35	2	1	1,137	
	Girls	.....	.....	.....	.....	.....	.....	.....	18	164	390	417	241	82	24	.....	.....	1,336	2,473
IX	Boys	.....	.....	.....	.....	.....	.....	.....	.....	6	36	82	89	47	10	4	.....	274	
	Girls	.....	.....	.....	.....	.....	.....	.....	1	14	58	158	138	66	20	1	.....	456	730
X	Boys	.....	.....	.....	.....	.....	.....	.....	.....	1	2	25	60	57	19	5	2	171	
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	1	10	50	102	95	30	5	.....	293	464
Jr. Auxiliary Classes	Boys	.....	.....	.....	.....	.....	2	6	10	23	29	56	41	13	.....	.....	.....	180	
	Girls	.....	.....	.....	.....	.....	.....	1	2	3	6	28	19	13	.....	.....	.....	72	252
TOTALS BY SEXES	Boys	.....	38	906	1,625	1,674	1,748	1,838	1,734	1,762	1,615	1,307	837	272	72	11	3	15,442	
	Girls	.....	50	926	1,682	1,680	1,792	1,705	1,705	1,733	1,596	1,252	694	284	78	6	.....	15,183	
GRAND TOTALS		.....	88	1,832	3,307	3,354	3,540	3,543	3,439	3,495	3,211	2,559	1,531	556	150	17	3	.....	30,625

NOTE:—Heavy lines denote ideal age spread for each grade.

(B) Separate Schools

(i) Rural and Urban

Grade	Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. and over	Totals	Totals Per cent.
I	.....	128	2,220	3,190	1,502	573	175	81	33	18	3	1	.....	.....	.....	.....	7,924	16.98
II	.....	18	349	1,810	2,381	1,146	430	190	94	26	3	.....	1	1	.....	.....	6,449	13.83
III	.....	.....	3	106	1,414	2,345	1,388	662	303	132	52	10	.....	.....	.....	.....	6,415	13.78
IV	.....	.....	.....	15	186	1,278	2,052	1,286	709	335	120	28	5	.....	.....	.....	6,014	12.86
V	.....	.....	.....	1	8	227	1,191	1,751	1,321	755	359	100	9	1	.....	.....	5,723	12.22
VI	.....	.....	.....	.....	.....	16	248	1,079	1,524	1,171	591	192	35	4	.....	.....	4,860	10.44
VII	.....	.....	.....	.....	.....	3	32	275	921	1,257	919	392	67	8	.....	.....	3,874	8.33
VII	.....	.....	.....	.....	.....	.....	.....	51	361	990	1,109	801	266	72	4	.....	3,654	7.86
IX	.....	.....	.....	.....	.....	.....	.....	1	23	114	282	289	142	47	6	.....	904	1.93
X	.....	.....	.....	.....	.....	.....	.....	.....	2	17	97	208	189	69	12	3	597	1.28
Jr. Auxiliary Classes	.....	.....	.....	.....	.....	2	7	12	18	32	81	56	26	.....	.....	.....	234	.51
Grand Totals	.....	146	2,572	5,122	5,491	5,590	5,523	5,388	5,309	4,847	3,616	2,077	740	202	22	3	46,648	.....

Note:—Heavy lines denote ideal age spread for each grade.

(ii) RURAL

Grade	Sex	Under 5	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. and over	Totals	Totals by Grades
I	Boys	.....	36	482	664	341	115	42	22	7	6	.....	.....	.....	.....	.....	.....	1,715	
	Girls	.....	4	55	452	561	266	79	40	16	6	2	.....	.....	.....	.....	.....	1,481	3,196
II	Boys	.....	17	263	475	302	149	64	36	10	4	.....	.....	.....	.....	.....	.....	1,320	
	Girls	.....	1	23	293	493	240	74	27	17	4	2	.....	1	.....	.....	.....	1,175	2,495
III	Boys	.....	.....	1	14	215	409	318	159	88	27	17	2	.....	.....	.....	.....	1,250	
	Girls	.....	.....	1	25	263	413	230	117	38	33	10	1	.....	.....	.....	.....	1,131	2,381
IV	Boys	.....	.....	.....	.....	32	183	387	294	200	93	29	4	2	.....	.....	.....	1,224	
	Girls	.....	.....	.....	3	34	265	378	201	83	48	11	3	.....	.....	.....	.....	1,026	2,250
V	Boys	.....	.....	.....	.....	4	30	163	290	264	188	83	24	2	1	.....	.....	1,049	
	Girls	.....	.....	.....	1	3	72	243	321	226	98	34	13	1	.....	.....	.....	1,012	2,061
VI	Boys	.....	.....	.....	.....	.....	.....	31	161	247	251	116	40	6	.....	.....	.....	852	
	Girls	.....	.....	.....	.....	.....	3	63	241	291	196	78	17	3	.....	.....	.....	892	1,744
VII	Boys	.....	.....	.....	.....	.....	1	3	36	125	196	155	55	9	1	.....	.....	581	
	Girls	.....	.....	.....	.....	.....	.....	9	67	186	232	133	39	11	.....	.....	.....	677	1,258
VIII	Boys	.....	.....	.....	.....	.....	.....	.....	10	40	143	178	152	44	9	2	.....	578	
	Girls	.....	.....	.....	.....	.....	.....	.....	12	74	193	211	131	47	4	.....	.....	672	1,250
IX	Boys	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	14	16	14	10	.....	.....	57	
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	3	17	31	48	17	7	1	.....	124	181
X	Boys	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	3	15	10	4	.....	.....	33	
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	20	33	28	16	2	1	104	137
TOTALS BY SEXES	Boys	.....	53	746	1,153	894	887	1,008	1,008	981	912	595	308	87	25	2	.....	8,659	
	Girls	.....	5	79	774	1,354	1,259	1,076	1,026	934	831	532	285	108	27	3	1	8,294	16,953
RAND TOTALS	.....	.....	58	825	1,927	2,248	2,146	2,084	2,034	1,915	1,743	1,127	593	195	52	5	1	16,953	.....

NOTE:—Heavy lines denote ideal age spread for each grade.

(iii) URBAN

Grade	Sex	Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. and over	Totals	Totals by Grades
I	Boys	.....	38	848	1,062	330	114	31	13	5	2	1	.....	.....	.....	.....	.....	2,444	
	Girls	.....	50	835	1,012	270	78	23	6	5	4	.....	1	.....	.....	.....	.....	2,284	4,728
II	Boys	.....	.....	18	469	819	435	204	81	47	14	1	.....	.....	1	.....	.....	2,089	
	Girls	.....	.....	45	573	767	322	88	46	20	4	.....	.....	.....	.....	.....	.....	1,865	3,954
III	Boys	.....	.....	.....	29	423	757	512	240	126	49	23	5	.....	.....	.....	.....	2,164	
	Girls	.....	.....	1	38	513	766	328	146	51	23	2	2	.....	.....	.....	.....	1,870	4,034
IV	Boys	.....	.....	.....	9	52	336	618	430	242	126	65	18	3	.....	.....	.....	1,899	
	Girls	.....	.....	.....	3	68	494	669	361	184	68	15	3	.....	.....	.....	.....	1,865	3,764
V	Boys	.....	.....	.....	.....	1	49	338	566	468	276	157	46	5	.....	.....	.....	1,906	
	Girls	.....	.....	.....	.....	.....	76	447	574	363	193	85	17	1	.....	.....	.....	1,756	3,662
VI	Boys	.....	.....	.....	.....	.....	6	64	275	443	363	216	81	18	2	.....	.....	1,468	
	Girls	.....	.....	.....	.....	.....	7	90	402	543	361	181	54	8	2	.....	.....	1,648	3,116
VII	Boys	.....	.....	.....	.....	.....	2	10	71	273	394	328	190	28	5	.....	.....	1,301	
	Girls	.....	.....	.....	.....	.....	.....	10	101	337	435	303	108	19	2	.....	.....	1,315	2,616
VIII	Boys	.....	.....	.....	.....	.....	.....	.....	11	86	269	318	286	96	35	2	.....	1,103	
	Girls	.....	.....	.....	.....	.....	.....	.....	18	161	385	402	232	79	24	.....	.....	1,301	2,404
IX	Boys	.....	.....	.....	.....	.....	.....	.....	.....	6	36	82	89	46	10	4	.....	273	
	Girls	.....	.....	.....	.....	.....	.....	.....	1	14	58	155	136	65	20	1	.....	450	723
X	Boys	.....	.....	.....	.....	.....	.....	.....	.....	1	2	25	60	56	19	5	2	170	
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	1	10	49	100	95	30	5	.....	290	460
JR. AUXILIARY CLASSES	Boys	.....	.....	.....	.....	.....	2	6	10	15	26	53	37	13	.....	.....	.....	162	
	Girls	.....	.....	.....	.....	.....	.....	1	2	3	6	28	19	13	.....	.....	.....	72	234
TOTALS BY SEXES	Boys	.....	38	866	1,569	1,625	1,701	1,783	1,697	1,712	1,557	1,269	812	265	72	11	2	14,979	
	Girls	.....	50	881	1,626	1,618	1,743	1,656	1,657	1,682	1,547	1,220	672	280	78	6	.....	14,716	29,695
GRAND TOTALS	.....	.....	88	1,747	3,195	3,243	3,444	3,439	3,354	3,394	3,104	2,489	1,484	545	150	17	2	29,695	.....

NOTE:—Heavy lines denote ideal age spread for each grade.

(C) Public Schools

(i) Rural and Urban

Grade	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. and over	Totals	Totals Per cent.
I	27	250	273	115	47	16	16	3	4	1	.....	.....	.....	.....	.....	752	20.61
II	.....	2	129	204	120	75	25	9	6	2	.....	.....	.....	.....	.....	572	15.68
III	.....	1	9	113	166	114	65	30	19	4	2	.....	.....	.....	.....	523	14.35
IV	.....	.....	1	2	61	114	104	92	46	15	4	1	.....	.....	.....	440	12.06
V	.....	.....	.....	1	22	76	121	122	64	27	9	1	.....	.....	.....	443	12.14
VI	.....	.....	.....	.....	5	23	84	107	97	33	16	1	.....	.....	.....	366	10.03
VII	.....	.....	.....	.....	.....	6	17	66	102	53	22	1	.....	.....	.....	267	7.32
VIII	.....	.....	.....	.....	.....	.....	2	21	58	86	59	20	1	.....	1	248	6.80
IX	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	2	3	.....	.....	.....	11	.30
X	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5	1	.....	1	.....	8	.22
Jr. Auxiliary Classes	.....	.....	.....	.....	.....	.....	.....	8	3	3	4	.....	.....	.....	.....	18	.49
Grand Totals	27	253	412	435	421	424	434	458	399	231	123	28	1	1	1	3,648	.....

Note:—Heavy lines denote ideal age spread for each grade.

(ii) Rural

Grade	Sex	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. and over	Totals	Totals by Grades
I	Boys	12	86	119	66	24	6	11	3	2	.....	.....	.....	.....	.....	.....	329	
	Girls	15	79	101	42	20	8	5	.....	2	1	.....	.....	.....	.....	.....	273	602
II	Boys	.....	.....	37	80	56	38	18	6	5	.....	.....	.....	.....	.....	.....	244	
	Girls	.....	.....	35	68	44	29	6	3	1	.....	.....	.....	.....	.....	.....	186	430
III	Boys	.....	.....	2	32	76	45	27	16	15	3	1	.....	.....	.....	.....	217	
	Girls	.....	1	6	35	57	38	19	10	2	1	1	.....	.....	.....	.....	170	387
IV	Boys	.....	.....	.....	.....	26	49	41	39	16	6	2	.....	.....	.....	.....	179	
	Girls	.....	.....	.....	.....	3	33	47	40	20	7	1	1	.....	.....	.....	152	331
V	Boys	.....	.....	.....	.....	5	23	42	51	31	8	4	.....	.....	.....	.....	164	
	Girls	.....	.....	.....	1	9	25	49	45	15	8	2	.....	.....	.....	.....	154	318
VI	Boys	.....	.....	.....	.....	2	8	27	39	40	16	7	1	.....	.....	.....	140	
	Girls	.....	.....	.....	.....	3	12	39	39	33	7	3	.....	.....	.....	.....	136	276
VII	Boys	.....	.....	.....	.....	.....	2	4	16	26	21	3	1	.....	.....	.....	73	
	Girls	.....	.....	.....	.....	.....	4	12	35	38	19	6	.....	.....	.....	.....	114	187
VIII	Boys	.....	.....	.....	.....	.....	.....	2	6	20	30	25	8	.....	.....	.....	91	
	Girls	.....	.....	.....	.....	.....	.....	.....	9	26	29	18	5	1	.....	.....	88	179
IX	Boys	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	2	
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	2	4
X	Boys	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	1	.....	3	
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	4
Totals by Sexes	Boys	12	88	158	178	189	171	172	176	155	88	44	10	1	1	.....	1,442	
	Girls	15	80	142	146	136	149	177	181	137	73	32	7	.....	.....	.....	1,276	2,718
Grand Totals	.....	27	168	300	324	325	320	349	357	292	161	76	17	1	1	.....	2,718	.....

Note:—Heavy lines denote ideal age spread for each grade.

(iii) URBAN

Grade	Sex	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. and over	Totals	Totals by Grades
I	Boys	.....	40	29	5	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	78	
	Girls	.....	45	24	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72	150
II	Boys	.....	.....	26	28	11	5	1	.....	.....	.....	.....	.....	.....	.....	.....	71	
	Girls	.....	.....	31	28	9	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	71	142
III	Boys	.....	.....	1	15	17	19	13	2	1	.....	.....	.....	.....	.....	.....	68	
	Girls	.....	.....	.....	31	16	12	6	2	1	.....	.....	.....	.....	.....	.....	68	136
IV	Boys	.....	.....	.....	1	14	15	8	6	7	1	.....	.....	.....	.....	.....	52	
	Girls	.....	.....	1	1	18	17	8	7	3	1	1	.....	.....	.....	.....	57	109
V	Boys	.....	.....	.....	.....	3	13	11	14	13	8	2	1	.....	.....	.....	65	
	Girls	.....	.....	.....	.....	5	15	19	12	5	3	1	.....	.....	.....	.....	60	125
VI	Boys	.....	.....	.....	.....	.....	1	4	14	12	5	5	.....	.....	.....	.....	41	
	Girls	.....	.....	.....	.....	.....	2	14	15	12	5	1	.....	.....	.....	.....	49	90
VII	Boys	.....	.....	.....	.....	.....	.....	.....	3	15	9	7	.....	.....	.....	.....	34	
	Girls	.....	.....	.....	.....	.....	.....	1	12	23	4	6	.....	.....	.....	.....	46	80
VIII	Boys	.....	.....	.....	.....	.....	.....	.....	3	7	12	7	4	.....	.....	1	34	
	Girls	.....	.....	.....	.....	.....	.....	.....	3	5	15	9	3	.....	.....	.....	35	69
IX	Boys	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	2	1	.....	.....	.....	6	7
X	Boys	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....	.....	3	4
JR. AUXILIARY CLASSES	Boys	.....	.....	.....	.....	.....	.....	.....	8	3	3	4	.....	.....	.....	.....	18	
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18
TOTALS BY SEXES	Boys	.....	40	56	49	47	55	37	50	58	38	25	7	.....	.....	1	463	
	Girls	.....	45	56	62	49	49	48	51	49	32	22	4	.....	.....	.....	467	930
GRAND TOTALS	.....	.....	85	112	111	96	104	85	101	107	70	47	11	.....	.....	1	930	.....

NOTE:—Heavy lines denote ideal age spread for each grade.

The following comparative table, for the years 1938, 1939, 1940, and 1941, shows the marked progress which has been achieved, during the period under review, in the grade-enrolment distribution of French-speaking classes in all elementary schools:—

Separate and Public Schools

Grade	1938		1939		1940		1941	
	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
I	11,216	23.66	8,955	18.16	8,539	17.12	8,676	17.25
II	6,992	14.75	7,148	14.49	7,057	14.15	7,021	13.96
III	4,974	10.49	6,631	13.45	6,803	13.64	6,938	13.80
IV	5,548	11.71	6,364	12.90	6,541	13.11	6,454	12.84
V	5,828	12.30	5,883	11.93	6,043	12.12	6,166	12.26
VI	4,775	10.07	5,136	10.41	5,036	10.09	5,226	10.39
VII	3,764	7.95	4,018	8.15	4,284	8.58	4,141	8.23
VIII	2,913	6.15	3,436	6.97	3,741	7.50	3,902	7.75
IX	727	1.52	893	1.81	948	1.90	915	1.82
X	443	.93	587	1.19	646	1.29	605	1.20
Auxiliary Classes	217	.46	268	.54	251	.50	252	.50
Totals	47,397	100.00	49,319	100.00	49,889	100.00	50,296	100.00

A study of the above statistics reveals that: (1) The many repeaters who, before 1939, swelled considerably the enrolment of the Grade I classes, have gradually disappeared; (2) The enrolment in each of the first six Grades of the elementary schools is now almost normal; (3) The percentage of enrolment in the Grade VIII classes has increased from 6.15, in 1938, to 7.75, in 1941.

It is confidently expected, therefore, that, through a continued effort on the part of teachers and inspectors, the enrolment in the Grade VIII classes will attain approximately 10 per cent of the total school enrolment within the next two or three years.

TABLE No. 2

ANALYSIS OF AGE-GRADE DISTRIBUTION IN RELATION TO IDEAL AGE-SPREAD IN ELEMENTARY RURAL AND URBAN SCHOOLS ATTENDED BY FRENCH-SPEAKING PUPILS, MAY 1941

(A) Separate and Public Schools

Grade	Under Ideal Age Spread		Within Ideal Age Spread		Over Ideal Age Spread	
	Number	Per cent	Number	Per cent	Number	Per cent
I	155	1.78	7,550	85.86	971	11.91
II	369	5.23	5,790	82.51	862	12.25
III	119	1.71	5,540	71.20	1,279	12.66
IV	204	3.16	4,895	72.74	1,355	20.99
V	259	4.20	4,582	74.31	1,325	18.24
VI	292	5.58	4,062	77.72	872	16.68
VII	333	8.04	3,318	80.12	490	11.83
VIII	435	11.17	3,103	79.46	364	9.35
IX	138	15.08	724	79.12	53	5.79
X	117	19.33	472	78.03	16	2.64
Totals	2,421	4.80	40,036	79.20	7,587	15.50

NOTE:—The 252 pupils enrolled in Auxiliary Classes are not included in the above table.

(B) Separate Schools

Grade	Under Ideal Age Spread		Within Ideal Age Spread		Over Ideal Age Spread	
	Number	Per cent	Number	Per cent	Number	Per cent
I	128	1.61	6,912	87.22	884	11.15
II	367	5.69	5,337	82.75	745	11.55
III	109	1.69	5,147	80.23	1,159	18.06
IV	201	3.34	4,616	76.75	1,197	19.90
V	236	4.12	4,263	74.48	1,224	21.38
VI	264	5.43	3,774	77.65	822	16.91
VII	310	8.00	3,097	79.94	467	12.05
VIII	412	11.27	2,900	79.36	342	9.35
IX	138	15.27	713	78.87	53	5.86
X	116	19.43	466	78.06	15	2.51
Totals	2,281	4.89	37,225	79.79	6,908	14.81

NOTE:—The 234 pupils enrolled in Auxiliary Classes are not included in the above table.

(C) Public Schools

Grade	Under Ideal Age Spread		Within Ideal Age Spread		Over Ideal Age Spread	
	Number	Per cent	Number	Per cent	Number	Per cent
I	27	3.59	638	84.84	87	11.56
II	2	.34	453	79.19	117	20.45
III	10	1.91	393	75.14	120	22.94
IV	3	.68	279	63.40	158	35.90
V	23	5.19	319	72.00	101	22.79
VI	28	7.65	288	78.68	50	13.66
VII	23	8.61	221	82.77	23	8.61
VIII	23	9.27	203	81.85	22	8.87
IX	.....	.....	11	100.00	.....	.....
X	1	12.50	6	75.00	1	12.50
Totals	140	3.84	2,811	77.06	679	18.61

NOTE:—The 18 pupils enrolled in Auxiliary Classes are not included in the above table.

TABLE No. 3

GRADE-ENROLMENT DISTRIBUTION IN ELEMENTARY SCHOOLS ATTENDED BY FRENCH-SPEAKING PUPILS, MAY 1941

(A) Separate and Public Schools

Grades	Rural		Urban		Rural and Urban	
	Number	Per cent	Number	Per cent	Number	Per cent
I-IV	12,072	61.36	17,017	55.56	29,089	57.84
V-VIII	7,273	36.97	12,162	39.72	19,435	38.64
IX-X	326	1.67	1,194	3.90	1,520	3.02
Auxiliary	.....	.....	252	.82	252	.50

(B) Separate Schools

Grades	Rural		Urban		Rural and Urban	
	Number	Per cent	Number	Per cent	Number	Per cent
I–IV	10,322	60.88	16,480	55.49	26,802	57.46
V–VIII	6,313	37.25	11,798	39.73	18,111	38.82
IX–X	318	1.87	1,183	3.98	1,501	3.21
Auxiliary	.....	.....	234	.79	234	.51

(C) **Public Schools**

Grades	Rural		Urban		Rural and Urban	
	Number	Per cent	Number	Per cent	Number	Per cent
I-IV	1,750	64.35	537	57.86	2,287	62.69
V-VIII	960	35.36	364	39.00	1,324	36.30
IX-X	8	.29	11	1.19	19	.52
Auxiliary	.....	.....	18	1.95	18	.49

The following comparative table shows the grade-enrolment distribution of French-speaking pupils in separate and public schools for the years 1938, 1939, 1940, and 1941:—

Separate and Public Schools

Grades	1938		1939		1940		1941	
	Number	Per cent	Number	Per cent	Number	Per cent	Number	Per cent
I-IV	28,730	60.61	29,098	59.00	28,940	58.02	29,089	57.84
V-VIII	17,280	36.46	18,473	37.46	19,104	38.29	19,435	38.64
IX-X	1,170	2.47	1,480	3.00	1,594	3.19	1,520	3.02
Auxiliary	217	.46	268	.54	251	.50	252	.50

Secondary School Classes

The following table shows the number of French-speaking students enrolled, in December 1941, in the advanced French courses of Collegiate Institutes, High, Continuation, and Vocational Schools under the supervision of the Department of Education:—

Enrolment of French-Speaking Pupils in Secondary Schools in Which Advanced French Courses are Offered, December, 1941

SCHOOL	GRADE					
	IX	X	XI	XII	XIII	Total
Cochrane High	9	12	5	.....	3	29
Cornwall Collegiate and Vocational	85	23	6	1	.....	115
Embrun High	21	30	13	15	6	85
Espanola Continuation	15	.....	.....	.....	.....	15
Hawkesbury High	46	29	25	17	.....	117
Kapuskasing High	25	16	15	2	3	61
Kirkland Lake Collegiate and Vocational	29	8	3	4	.....	44
Mattawa High	10	4	6	.....	4	24
Ottawa Technical	68	39	.....	.....	.....	107
Paincourt Continuation	10	9	6	9	.....	34
Penetanguishene High	21	21	4	2	.....	48
Plantagenet High	25	16	19	12	8	80
Rockland High	34	22	16	7	1	80
Smooth Rock Falls Continuation	17	5	.....	1	.....	23
Sturgeon Falls High	38	32	25	25	1	121
Sudbury High and Technical	40	23	10	14	4	91
Tilbury High	5	4	.....	.....	.....	9
Timmins High and Vocational	76	35	17	9	.....	137
Vankleek Hill Collegiate	10	8	8	1	2	29
Totals	584	336	168	119	32	1,249

NOTE:—The absence of students in the higher grades of some of the above schools is due to the fact that the advanced French courses were just recently established.

This total enrolment of 1,249 French-speaking students in the secondary schools compares favourably with the totals reported for 1938 (839), for 1939 (1,027) and for 1940 (1,102). Indeed, the 1941 total enrolment represents an increase of almost 50 per cent over the 1938 total enrolment. There are besides, some 2,500 French-speaking students who are pursuing their studies in the Grade IX and Grade X classes of the elementary schools, [Table No. 1, (A), (i), of this report], and in private schools. Some of the latter are inspected by the Department of Education for the purpose of accepting, or not accepting, the teachers' recommendations in respect to pupils who are candidates for middle school certificates.

Although much satisfaction is derived from the progress made so far, it is yet evident that much remains to be done throughout the province in order to raise the percentage of the French-speaking secondary school enrolment from the present 6 or 7 per cent to at least 18 or 20 per cent of the total French-speaking school enrolment. Of course, as was stated in previous reports, the main cause of this low and rapidly decreasing enrolment from grade to grade in the secondary schools is to be found and eradicated in the elementary school classes. Once the problem is solved in the elementary department of the school—and according to present indications this task will be completed within the next two or three years—there should be an automatic improvement in the secondary school enrolment and age-grade distribution of pupils.

The appointment, in 1941, of a French-speaking high school inspector has already proved beneficial in improving the general proficiency of the secondary school classes attended by French-speaking students and in promoting a greater desire for higher education among the French-speaking population of Ontario.

Provincial Contest

The finals of the fourth annual provincial contest among the Grade VIII French-speaking pupils were held in Ottawa on April 17th, 1941. Twenty-four contestants—the winning boy and the winning girl from each of the twelve French-speaking inspectorates—took part in this final competition. The four provincial winners, the first two of whom were awarded secondary school scholarships, were as follows:

1st boy: Roger Blanchette, 13, St. Joseph School, Sturgeon Falls;
1st girl: Rita Mainville, 12, St. Charles School, Timmins;
2nd boy: Gilles Petitclerc, 13, St. Jean-Baptiste School, Ottawa;
2nd girl: Denise Ralph, 12, St. Conrad School, Ottawa.

The interest aroused by this annual competition is ever increasing. Besides drawing parents and teachers into closer co-operation, the provincial contest encourages the talented pupils to undertake and complete their secondary school education.

Inspectoral District Enterprises

As was stated in a previous report, the French-speaking inspectors were asked, in 1939, to undertake during 1940 and every year thereafter, in their respective inspectorates, one special enterprise bearing on some particular phase of education, It was suggested also that these enterprises, which should aim at correcting a general weakness throughout the inspectorate or at fostering a new and valuable idea in education, be carried on in a scientific manner by taking note of essential data, such as existing conditions at the outset, means employed, difficulties encountered, and results obtained.

Interesting reports were received from the inspectors at the close of the year. Some of the topics for special research in French-speaking inspectorates, during 1941, were as follows: how to improve the pupils' handwriting; group meetings of school trustees and secretaries; the development by pupils and teachers of a Grade I supplementary reader in social studies; how to secure better results in French and English spelling; arousing general interest in the activities of the Ontario Junior Red Cross Society; how to improve the teaching of written composition; the beautification of school properties.

The following excerpts are taken from the report submitted by Inspector J. S. Gratton, of Plantagenet, on: "*The Beautification of School Properties*":—

"Following the receipt, early in March 1941, of "Suggestions for Improvement of Rural School Grounds", issued by the Ontario Department of Education, and "Trees for Schools", issued by the Ontario Forestry Branch, all rural school teachers, members of municipal councils and local Agricultural representatives were invited to co-operate in a school grounds improvement enterprise.

In view of the generous offer of the Forestry Branch to supply young forest trees to schools free of charge, except for transportation, and the offer also of the local Horticultural Societies of the free delivery of shrubs at reduced prices, it was decided that the planting of trees and flowering shrubs should be first undertaken in this campaign.

The accompanying plans, order forms, circulars and correspondence give, better than would a detailed account, an insight into the means adopted to carry out the enterprise successfully.

It is to be noted, however, that of the 16,000 trees distributed, approximately 60% were planted on the school grounds by the pupils in co-operation with the teacher and the school trustees; the others were brought home by the pupils and planted on the farm.

A survey, made during the month of September last, revealed that, despite the very dry spell that followed the planting last May, at least 90% of the trees placed on the school grounds had survived the excessive drought and were doing well. The willingness and enthusiasm with which both teachers and pupils cared for the young trees after they were planted largely account for this success."

The successful enterprise described above by Inspector Gratton will doubtless serve as a powerful incentive in some of the other inspectorates.

"L'Association de l'Enseignement français de l'Ontario"

After one year of successful operation, this provincial association of French-speaking teachers and inspectors held its second annual convention in Ottawa on April 17th, 18th and 19th, 1941. Mr. Omer Brûlé, B.A., of the Ottawa Technical School teaching staff, was elected president for the year 1941-42.

This association, as was stated in last year's report, comprises three sections and is composed of French-speaking elementary and secondary school teachers, inspectors and normal school masters of Ontario. It resembles closely, on a smaller scale, the Ontario Educational Association, and, in co-operation with the latter, will no doubt promote the best interests of French education in this province.

Correspondence Courses in French

In view of the fact that approximately 10 per cent of the pupils enrolled in the Departmental correspondence courses are French-speaking, and in response to several requests which were received from interested families, the Minister decided, in the autumn of 1941, to include in this service the same courses and examinations which are provided for French-speaking pupils in the public and separate schools of the province. An experienced and successful French-speaking teacher, Miss Hélène Lacasse, was appointed to the correspondence school staff in the Department and the preparation of these new courses was undertaken.

In September 1942, the Grade I courses for French-speaking pupils will be ready for distribution, and it is expected that from year to year the programme

of the next Grade will be added until the full elementary school course will have been developed.

This is by no means an easy task. However, it is confidently expected that by following the splendid system already established for English-speaking pupils, and with the co-operation of the French-speaking normal school masters, inspectors and teachers, the results will constitute an achievement worthy of note in the field of French and English education.

ROBERT GAUTHIER,
Director of French Instruction.

Toronto, June 30th, 1942.

APPENDIX E

REPORT OF THE INSPECTOR OF AGRICULTURAL CLASSES

Present Status of Instruction in Agriculture

Agricultural instruction is now well established in the elementary schools of Ontario. The optional courses in Agriculture for Grades VII and VIII are taught in approximately half the schools while agricultural topics of the courses in Science for these grades and of Natural Science for lower grades are taken in many others. The value and importance of instruction in agricultural topics is now recognized and approved by the majority of trustees and parents. Inspectors of Public and Separate Schools are giving every encouragement and in many inspectorates the subject is being taught in all schools. The depth and effectiveness of the instruction is limited only by the qualifications and zeal of the teachers. Unfortunately the number of qualified teachers is being reduced because of the entry of many teachers into various branches of the war effort and the discontinuance of Summer Courses. Effective courses of instruction are being given at the Normal Schools and many teachers without special agricultural certificates are doing excellent work. The programme for "Improvement of Rural School Grounds" has, in many instances, provided an interest and activity which has enlisted the co-operation of trustees, parents, teachers and pupils. It has indeed made the school property a centre of interest in the community.

During the past ten years there has been a marked increase in interest in agricultural instruction in secondary schools. In present courses agricultural topics are combined with essential science topics giving a course which meets the requirements in Science for normal school entrance and pass matriculation. Cordial support of these courses is now voiced by trustees and parents. The number of schools in which the work is taken is limited only by the number of teachers available. Boards are anxious to continue the instruction and when qualified teachers leave, they make strong efforts to secure qualified teachers or those who, because of experience and aptitude, may be granted temporary certificates. The entry of many of these qualified teachers into various war services has had its effect. It is necessary to recognize that the courses in Agricultural Science for Grades IX, X, XI and XII give only a limited time for agricultural topics. Special or extended study of individual topics is seldom feasible for any pupil or group of pupils. Practical work in gardening, fruit growing, poultry and beekeeping is possible and one or all are taken in many schools. The knowledge gained from these general courses is of value to all pupils and of particular value to those who may later engage in farming. In only twelve of the 168 schools in which Agriculture is taught have special courses been provided for pupils who expect to farm. In these schools a reasonable proportion of students are enrolled in these courses which are being successfully conducted.

Unfortunately, in Ontario only a limited number of pupils who are completing Grade VIII or entering secondary school expect to become farmers. This is true

of children of farmers as well as children of others. Commercial and industrial occupations have so great an attraction that it has been difficult to introduce courses in Agriculture, apart from the Regular normal entrance and pass matriculation courses. While the objective of pupils on entering the secondary school is generally away from the farm, records show that many who drop out during the first two or three years eventually find employment on the farm. A change of viewpoint on the part of parents and others is needed so that farming may be rated on a par with commerce and industry in the national economy. It must also be recognized that with the present equipment and teachers much that is of value in practical Agriculture may be taught during the school life of the pupil. The scarcity of farm labour has drawn thousands of pupils from secondary schools to help on farms during the summer. Many of these pupils are from urban schools. They will doubtless find farm activities interesting and gain an understanding of various farm operations. The importance of production of food materials as a part of the war effort is being stressed in every quarter. Thus present day pupils should understand fully the importance of agriculture to individual and national welfare. The recognition of this should arouse, in a larger number of pupils, a keen interest in farming as a future vocation. In the very near future there should be a greater demand for definite vocational agricultural courses linked with summer employment on the farm to provide a suitable training for those who will eventually become farmers.

Elementary Schools

Information received for the school year ending June 30th, 1941, indicates that interest in agricultural instruction and related activities is being well maintained under present conditions. Agricultural courses for Grades VII and VIII were taught in 4,291 schools of which 359 were urban. Reports claiming grants as refunds of expenditure were received from 2,784 schools. The courses for Grades IX and X were taught in 327 schools.

The courses as outlined for Grades VII and VIII cover various agricultural topics and the Regulations require that four of nine suggested activities must be conducted. One of these, "Improvements of School Grounds" has received special attention during the year. Under the direction of the inspectors and with the co-operation of officials of the Departments of Agriculture and Forestry, and the assistance of members of Horticultural Associations, trustees, teachers and pupils have made a marked improvement in the appearance of school grounds in many inspectorates. Particular attention has been given to schools located on main highways. Improvements made include new fences or old ones repaired, better care of the school grounds during the summer, planting shrubs, trees and flowers. In some cases the grounds have been levelled and re-seeded. Good progress has been made in the second year of this effort in spite of war conditions. School gardens number 1,129, a reduction as compared with last year. In many schools the attention formerly given to the school garden is being given now to improvement of the grounds.

The scope and effectiveness of the instruction varies greatly and is dependent on the interest and knowledge of the teacher and on the attitude and co-operation of the trustees and members of the community. The number of certificated teachers for 1940-41 was 2,303 as compared with 2,943 in the previous year. This reduction is largely accounted for by the fact that there have been no summer courses during the past two years.

BEAUTY FOR RURAL SCHOOLS

Courtesy Ontario Department of Agriculture

S.S. 11, Amabel, Sauble Falls, Bruce County

Winner of the 1941-42 School Ground Competition of the Ontario Horticultural Association in which some 250 rural schools took part.

This award is given, not for total beauty, but for the improvement made during the year. The score card lists clean-up, repairs, paint, lawns and playgrounds, new planting, weeding, and general care.

School Fairs were conducted in a number of inspectorates either as separate fairs under local committees of teachers and other interested parties or in conjunction with fall fairs. In several of the northern inspectorates the school fair programme has been carried on very effectively with only a small reduction in the number of fairs as compared with two years ago.

Secondary Schools

In the autumn of 1941 Agricultural Science was taught in 27 Collegiate Institutes, 82 High Schools and 59 Continuation Schools, a total of 168. The subject was introduced in two Continuation Schools and discontinued in two High Schools and one Continuation School because of change of teachers and in one Continuation School which was closed. Both Lower and Middle School courses are taught in 126 schools, an increase of one over last year. The Middle School courses in Agricultural Science are valid for Middle School Science requirements for entrance to Normal Schools, University Courses and Training Schools for Nursing.

The number of teachers employed was 213 of whom 122 held the Specialist Certificate in Agriculture and 91 were graduates of the Ontario Agricultural College. Because of enlistments, smaller classes in the Specialist Courses at the College of Education, and discontinuance of summer courses in Agriculture, there was a scarcity of qualified teachers and temporary certificates were issued for teachers in two Collegiate Institutes, one High School and seven Continuation Schools.

The courses followed are those of Grades IX, X, XI and XII in which agricultural topics are taken with essential topics in Science. All schools are now well equipped for practical work in the various agricultural topics which are taught in the classroom or laboratory. School gardens are maintained in 152 schools and students have practice in planting and care of vegetables and flowers. Fruit trees and small fruits have been planted in many gardens and on larger areas a three-year crop rotation is followed. Small poultry houses have been provided at 14 schools. Chicks are raised in the spring, fowl fattened in the fall and laying stock kept through the winter months in most of these buildings. One or more colonies of bees are kept at 18 schools and instruction in this subject is practical. Frequently students start beekeeping at home as a result of instruction at school. Greater attention is being given to productive home projects and in many schools students are rearing chickens, keeping records of egg and milk production and growing farm crops at home. Many students are members of various clubs conducted by the Agricultural Representatives. Growing of vegetables for home use is being stressed as a desirable home project for the coming year.

Agricultural Departments under the High Schools Act are maintained at Drayton, Elmira, Listowel, Port Perry, Whitby and Wheatley and under the Vocational Education Act at Beamsville, Kemptville, Simcoe, Stamford, Renfrew and Ridgetown. The courses in Agricultural Science are taught in these schools, and additional time is provided for Agriculture and greater stress given to practical applications than in other schools. Good work is being done in all these departments.

The subsequent paragraphs of this report give statistics and comments relative to the progress of agricultural instruction in elementary schools, secondary schools, summer schools and the normal schools.

Year	Number of Schools	With School Gardens	With Home Gardens
1903	4	.....	.....
1914	264	208	56
1928	3,395	1,059	2,336
1937	5,065	1,580	3,485
1940	3,879	1,446	2,433
1941	4,291	1,129	(indefinite)

Figures prior to 1941 are based on the number of schools qualifying for grants. For 1941 the figure covers the schools where the courses were taught. Grants were claimed for 2,784 of these schools.

The following table shows the certificates held by teachers engaged in the work for the years given:

Year	Elementary	Elementary Part I	Intermediate	Intermediate Part I	Totals
1934	1,552	86	144	10	1,792
1936	2,092	208	188	22	2,510
1938	2,864	444	259	52	3,619
1939	3,132	238	312	33	3,715
1940	2,508	112	307	16	2,943
1941	1,956	94	236	17	2,303

In addition to the courses for Form III and Form IV, Agriculture of the Lower School course was taken in fifth classes of 327 schools under the Regulations for Public and Separate Schools. The Lower School courses taught by a teacher holding an Intermediate Certificate are taken under the High School Regulations in the following schools: Elizabeth Ziegler Public School, Waterloo; Mono Mills Public School; St. Andrew's West Separate School; St. Raphael's West Separate School; Victoria Public School, Kitchener; Toronto Public Schools: Brown, General Mercer, McMurrich, Perth Avenue.

Secondary Schools

Instruction in Agriculture in secondary schools is provided under three schemes as stated below and may be taken in those schools which meet the requirements of the Department of Education.

1. Optional classes in Lower and Middle School as a part of the course for Normal Entrance or Matriculation.
2. Department of Agriculture under the High Schools Act.
3. Department of Agriculture under the Vocational Education Act.

Under scheme (1) above, Agriculture was taught during the year in the schools listed below. Under (a) are the schools in which Lower School courses only are taken, and under (b) both Lower and Middle School courses.

Collegiate Institutes

(a) Clinton, Cornwall, Goderich, Ingersoll, Kitchener, Oshawa, Perth, Seaforth, York Memorial, Vaughan Road. Total 10.

(b) Barrie, Belleville, Brockville, Cobourg, East York, Fort William, Lindsay, Napanee, Orillia, Picton, Port Arthur, Renfrew, Runnymede, Scarborough, Smith's Falls, Stamford, Strathroy. Total 17.

High Schools

(a) Bracebridge, Cobalt, Durham, Englehart, Essex, Markham, Marmora, Mattawa, Maxville, Meaford, Merritton, Mount Forest, Newcastle, Niagara, Orangeville, Port Credit, Tilbury. Total 17.

(b) Alexandria, Alliston, Amherstburg, Arthur, Athens, Beamsville, Blenheim,Bowmanville, Brighton, Burford, Burlington, Caledonia, Cayuga, Chesterville, Dundas, Dunnville, Elmira, Fergus, Forest, Grimsby, Hagersville, Haileybury, Harrow, Havelock, Iroquois, Kemptville, Kincardine, Kingsville, Lakefield, Leamington, Listowel, Lucan, Madoc, Markdale, Midland, Milton, Mitchell, Morewood, Nepean, Newburgh, New Liskeard, Norwich, Norwood, Oakville, Omemee, Petrolia, Port Elgin, Port Perry, Ridgetown, Saltfleet, Shelburne, Simcoe, Smithville, Stirling, Streetsville, Sydenham, Trenton, Tweed, Uxbridge, Waterdown, Waterford, Watford, Whitby, Williamstown, Winchester. Total 65.

Continuation Schools

(a) Ailsa Craig, Arkona, Bothwell, Burk's Falls, Chatsworth, Coldwater, Eganville, Elgin, Forester's Falls, Forest Hill Village, Grand Valley, *Hepworth, Minesing, Richard's Landing, *Seeley's Bay. Total 15.

(b) Agincourt, Ayr, Beaverton, Brooklin, Brownsville, Comber, Drayton, Drumbo, Embro, Florence, Fordwich, Ilderton, Inglewood, Little Britain, Lobo, Lynden, Lyndhurst, Melbourne, Merlin, Merrickville, Milverton, Mindemoya, Mount Albert, Mount Brydges, Mount Elgin, Mount Pleasant, New Dundee, New Hamburg, Orono, Pelham, Port McNicoll, Princeton, Russell, St. George, Sparta, Stevensville, Sundridge, Tamworth, Teeswater, Thamesford, Thamesville, Tiverton, Wheatley, Woodville. Total 44.

A summary of the above shows that Agriculture is now taken in twenty-seven Collegiate Institutes, eighty-two High Schools and fifty-nine Continuation Schools, a total of 168. During the year the work was introduced in two Continuation Schools and was discontinued in two High Schools, and two Continuation Schools. Both Lower and Middle School courses are taken in one hundred and twenty-six schools.

The following abbreviated table shows the development in this phase of instruction since its beginning in 1913 and the number of schools now taking the work.

Year	Collegiate Institutes	High Schools	Continuation Schools	Total
1913	.....	1	1	2
1918	8	13	4	25
1928	14	44	23	81
1933	24	54	33	111
1940	27	84	59	170
1941	27	82	59	168

*Introduced Agriculture in September, 1941.

Two hundred and thirteen teachers are engaged in giving instruction in Agriculture. Of this number, one hundred and twenty-two hold the Specialist Certificate, ninety-one being graduates of the Ontario Agricultural College. Ten teachers have been granted temporary certificates.

The following schools are taking work under the scheme indicated in (2) above: Drayton, Elmira, Listowel, Port Perry, Wheatley and Whitby. Additional time is given to Agriculture and practical phases of the subject are stressed. At Elmira, Port Perry and Whitby provision is made for Shop Work for boys and Home Economics for girls.

Under (3) above, the following schools are qualifying for grants under the Vocational Education Act: Beamsville, Kemptville, Renfrew, Ridgetown, Stamford and Simcoe. In all, provision is made for instruction in Shop Work and in all except Stamford for Home Economics. The regular courses in these subjects, with special emphasis on agricultural applications, are being followed. In all centres practical applications of agricultural topics are stressed, a regular programme of home project activities is conducted and the teachers visit the homes of pupils to inspect the projects undertaken.

Normal Schools

There have been no material changes in the Normal School course in Agriculture. Except in the University of Ottawa Normal School, instruction in Agriculture is a part of the regular course and the subject is taken by all students. Students who have taken four years of Agriculture in an approved school during their Secondary School course are granted an Interim Elementary Certificate on successfully completing the Normal School course. Others must attend summer school to secure a certificate in Agriculture.

Facilities for instruction in practical phases of gardening and other topics are provided, the instructors are all qualified in Agriculture and a good course is given as far as the time allotment on the Normal School programme will allow.

NORMAN DAVIES,
Inspector of Agricultural Classes.

Toronto, August 14th, 1942.

APPENDIX F

REPORT OF THE INSPECTOR OF AUXILIARY CLASSES

Teachers' War Service

Miss Jean Hampson of the Wellesley Orthopaedic School, and demonstrator in Occupational Therapy for the University of Toronto, has been appointed Director of Occupational Therapy and Supervisor of Instruction in Occupational Therapy at the Astley Ainslie Institute, Edinburgh, Scotland. This appointment was made by the Board of Health for Scotland.

Mr. C. Elliot and Mr. W. D. Royle of the Church Street School for Boys and Mr. Elgin Fretz of the Kitchener Boys' Handicraft Class are serving in the Royal Canadian Air Force. Mr. George Charlton of Kitchener Boys' Handicraft Class, Mr. Kenneth Marsh, Drew School, Fort William, Mr. Charles Eldert of Wellington School, St. Thomas, Mr. R. Carter of Chatham Boys' Handicraft Class, Mr. D. C. Warren of the Smith's Falls Handicraft Class are serving with the Canadian Army. Mr. F. W. Palmer and Mr. A. M. Patterson of Church Street School are giving instruction to the War Training Classes.

Pupils' War Work and Service

The war has affected the instruction in handwork. The knitting of afghans, mufflers, sweaters, socks and mittens is a standard feature in all mixed classes. The mufflers, sweaters, socks and mittens have met the specifications and standards of the Red Cross Society. Layettes are made by senior girls. Ditty bags for soldiers and sailors and shelter bags for those bombed out have been made, filled and forwarded to the regular depots. Sewing of quilts and dresses has a greater appeal when it is known that the product goes to people in the war areas.

The boys at the Church Street School, Toronto, have made several hundred wood and metal leg-splints with materials donated by the Red Cross Society. At Warren Park Handicraft School the pupils made scale-models of aeroplanes which were accepted by an R.C.A.F. Wireless School for Training airmen in spotting.

Collections for the Junior Red Cross and the methodical purchase of War Savings Certificates have a regular place in the programme.

Graduates of the Handicraft Classes have enlisted in the armed forces in considerable numbers. Mr. H. O. Lydford's Handicraft Class in North Bay is a sample. This class has been in operation ten years. As of December 1941, the record of this class is that forty-seven graduates have enlisted in the infantry, ordnance and the engineers. One graduate is a sergeant of engineers while another is a corporal of signals.

Teacher Supply

Military and war service has affected the supply of teachers. In replacing the nine teachers on active and war service, it was necessary to appoint four teachers without training in auxiliary work.

In the city of Toronto the retirement or marriage of fourteen teachers resulted in temporary closing of eight Opportunity Classes. One of the Toronto classes is in charge of a teacher without the usual special training.

In other schools the promotion of the teacher of the Opportunity or Handicraft Class has resulted in the employment of certificated teachers without special training.

In all, twenty-seven teachers were granted temporary certificates valid for one year and limited to a particular class.

Urban Organization

A survey was conducted in Brockville as a preliminary to the establishment of the Boys' Handicraft Class. New Opportunity Classes were opened in MacDonald School, Kingston; Ryerson School, Brantford; Prince of Wales School, Hamilton; Holy Name School, Toronto. Handicraft Classes were established in Victoria School, Windsor; Central School, Brockville, and in Kitchener School, Niagara Falls.

Due to retirements, marriage and war service, and the reduction in the number of candidates for the classes, twenty-three classes were closed as follows:—

Opportunity Classes—St. Michael's School, Belleville; Grimsby Public School; Hespeler Public School; Preston Separate School; Kitchener School, Niagara Falls; Balaclava School, St. Thomas; Myrtle St. School, St. Thomas; S.S. No. 6 Stamford; Bruce School, Toronto; Earl Grey School, Toronto; Gledhill School, Toronto; Leslie School, Toronto; Orde School, Toronto; Roden School, Toronto; Sackville School, Toronto; Wellesley School, Toronto.

Handicraft Classes—St. Francis School, Ottawa; Shakespeare School, Stratford; Ealing School, London; Victoria School, Kitchener (2 classes).

Sanatorium Classes—Freeport Sanatorium, Kitchener; Brant Sanatorium, Brantford.

The closing of classes in London, Kitchener and St. Thomas is directly attributable to military or war service. The Belleville and Preston Separate School classes are being continued on the same plan as is provided for Auxiliary Units in rural schools. In S.S. No. 6 Stamford, more space was required due to the influx of the families of war workers. In Niagara Falls, the Opportunity Class was closed and a Handicraft Class established.

Rural Organization

Surveys of the following rural inspectorates were carried out by Miss DeLaporte and myself in conjunction with the inspectors concerned.

Inspectorate	Inspector	Number of cases
*Bruce East, Grey (part), Huron (part)	J. M. Game	108
†Grey North and Bruce North	J. J. Wilkinson	13
Halton	L. L. Skuce	70
†Hastings South	J. R. Pickering	13
Huron North	J. H. Kinkead	41
Leeds and Grenville No. 2	E. Oakes	93
†Ontario South	R. A. Hutchison	14
Peterborough East	L. W. Copp	105
†Renfrew North	N. Campbell	17
†Welland (part), Lincoln (part)	W. A. Marshall	13
†Welland South	N. R. Wightman	22
*District Division VI	W. MacMillan	112
District Division VII (1)	O. M. MacKillop	65
District Division VIII (1)	J. W. Trusler	96
District Division XIV	E. R. Underhill	49
R.C. District Division XVII	C. P. Matthews	100

*Second survey. †Partial survey.

In all, 931 pupils were examined and advisements made concerning their educational welfare. Through the co-operation of the local Inspector and the several school boards, special educational facilities have been provided for the large majority of those who were found to stand in need of assistance. Up to the present time fifty-one rural inspectorates have been completely and eighteen others partially surveyed and organized. Of the fifty-one rural inspectorates which have had complete surveys in the past, six have had the survey repeated after a period of four, five or six years. The areas which have had a second survey have shown at the end of a five-year period as great a number of pupils as the original survey.

There are 118 Home Instruction Units, 51 Sight Saving Units, 8 Transportation Units and 842 Opportunity Units reported for grants. A larger number of Opportunity Units exist but have not reported expenditures for the current year. The number of Sight Saving Units is unusually small this year. This may be due to the fact that it is more difficult to import books printed in 24 point type, especially for this purpose.

Reports from inspectors and teachers show that upwards of 50 per cent. of the pupils in Opportunity Units are re-adjusted to grade work; that the establishment of Sight Saving Units enables pupils suffering from defective vision to maintain normal grade progress; and that the provision of a Visiting Teacher for home-bound sick and crippled children has equally beneficial results.

Sight Saving Books

Since the war, the purchase of large-type books for pupils in Sight Saving Classes and Units has declined considerably. Foreign exchange costs have increased the prices of imported books to the point where their cost exceeds the maximum amount of the reimbursement grant.

To offset the greatly reduced supply of imported books, and to provide the texts based on the Ontario Course of Study, the Treasury Reader Grade V (Part I) has been duplicated on the magnatype typewriter under permission from the publishers, the Macmillan Company of Canada, and the Ryerson Press. Four Sight Saving teachers of Toronto have prepared a Workbook, Social Studies Grade VI, which has been duplicated on the typewriter with the permission of the authors.

At the present time magnatyped reading material is available for Grades I, III, IV and VIII without charge to pupils who require Sight Saving instruction. There is an adequate supply of Ontario Spellers for all grades and sufficient Social Studies workbooks for Grades V and VI.

To provide magnatyped reading materials, a graded list of books in 18 point, 24 point, 36 point and 72 point type was made in December, giving the name of the publisher, the type size and the title. This list shows where Supplementary reading materials may be found for Grades II, VI and VII, for which free books are not yet available. These lists have been provided to all inspectors and to all teachers of Sight Saving Classes.

Miss Louise E. Rush, Senior Sight Saving teacher of the Toronto Public Schools, resigned after having given sixteen years' service to this important branch of Auxiliary work. Miss Rush was appointed to the Orde Street School class in 1925. In 1932 the class was transferred to Hester How School where Miss Rush taught pupils of Grades VII, VIII, IX and X, until her retirement in June 1941. Miss Rush was a pioneer in Sight Saving instruction and was frequently employed as an instructor at teachers' summer courses at Columbia University.

Multiple Handicaps

Experience in teaching pupils who fail at school shows that failure is not often due to one single cause, deficiency, handicap or disability, but that it is a result of a combination of factors. To provide data on the handicaps of their pupils, all special class teachers were asked to make out a class summary in September 1941, to show the actual rating of their pupils in Reading, Arithmetic and Crafts in comparison with the estimate of the progress which would be expected at the individual pupil's mental age. Under "Remarks" the teachers listed physical handicaps from the A. D. P. cards on the medical reports.

A report on a part of the data is possible because in December 1941, nine hundred and nine pupils had been reported by 46 teachers of various types of Auxiliary classes. Their handicaps were classified as Reading, Speech, Visual, Hearing, Lowered Vitality, Orthopaedic, Cardiac, Anti-Social Behaviour, Emotional Instability and Economic Deficiency. The terms used in this survey describing academic ability are as follows:

(1) Superior refers to pupils who could pass the High School Entrance Examination at age 12 to 13;

(2) Average indicates pupils who could pass the Entrance at 13 years 6 months to 14 years 6 months;

(3) Slow Learner is the term used for pupils who could pass the Entrance at 15 or 16 years;

(4) Retarded means those pupils who could not be expected to go beyond Grade VI in the elementary school.

Three tables have been prepared from these data,—

1. Summary of All Reported Handicaps.
2. Summary of Reported Physical Handicaps.
3. Classification of Pupils according to Academic Capacities.

Summary of Reported Handicaps of 909 Auxiliary Class Pupils

Number of Handicaps	Number of Pupils	Per cent.
1	205	22.6
2	476	52.4
3	202	22.2
4	22	2.4
5	4	.4
Total	909	100.

Summary of Reported Physical Handicaps of 909 Auxiliary Class Pupils

Handicap	Number of Pupils	Per cent.
Speech	73	8.0
Visual	36	4.0
Hearing	29	3.2
Orthopaedic	16	1.8
Lowered Vitality	233	25.6
Cardiac	2	.2
Total	389	42.8

Classification of 909 Auxiliary Class Pupils According to Academic Capacities

	Number	Per cent.
Superior	6	0.6
Average	228	25.1
Slow Learners	316	34.8
Retarded	359	39.5
Total	909	100.

The facts stated in the summary bear out the general experience that most pupils in need of special methods, materials and instruction have more than one handicap, and that 42.8% of the pupils are physically handicapped. Over 90% of these pupils are retarded in Reading. The data indicate that 60% of this limited group might pass the High School Entrance examination before they reach the school leaving age if their handicaps could be overcome. They also support the statement on page 47 of the 1937 Report of the Minister of Education, that there will be an increased placement in Auxiliary classes of " . . . children who . . . have failed to acquire the art of reading, but may, after a certain period of special training, be returned to the classes for slow but profitable grade progress". More pupils are being admitted for readjustment and ultimate return to the grade. This group is a partial sampling of nearly all types of Auxiliary classes and the exact percentages may vary widely when all Auxiliary pupils are included. The survey is being continued.

The Use of Class Hearing Aids

In Rosedale School, Toronto, a Class Hearing Aid has been in use for some years. Experience with this machine has demonstrated that speech can be taught better to hard of hearing pupils with the machine than without it.

The Ottawa Public School Board installed a completely Canadian-built Class Hearing Aid in the Oral and Hard-of-Hearing Class under Miss Stirk at Cambridge Street School.

At Ogden School, Toronto, Miss Ruth Miller, teacher of the Hard-of-Hearing Class, in association with Mr. Clair Maedel, principal and Mr. H. B. Henshaw, caretaker of the same school, built a class Hearing Aid, using an existing school radio receiver and microphone and additional materials on which about ten dollars ($10.00) was spent.

In all three of these classes the tone and quality of the speech is definitely superior to that of classes where the hearing aid is not used. In the Ogden School, phonograph records of the voices of all hard-of-hearing pupils were made in March 1941, in order that their progress may be studied. In December a comparison of the pupils' voices with the phonograph record showed that high-pitched voices had been lowered noticeably and that certain letter substitutions had been corrected in the intervening six months. It is planned to record the voices of the pupils of the Ogden hard-of-hearing class in March 1942. Such records will be extremely valuable in judging the progress of the pupils and in the training of teachers of Speech Correction.

Auxiliary Organizations

(a) Brief courses were given in each of the Normal Schools to acquaint teachers-in-training with methods of dealing with handicapped slow-learning and retarded pupils, especially with those in the rural schools. The many com-

munications received by the Department from recently graduated teachers concerning exceptional children in their charge is ample proof of the interest created in the welfare of handicapped children by these Normal School lectures.

(b) The Auxiliary Class Section of the 1941 O.E.A. was well attended, and a number of Ontario representatives took part in the 1941 Convention of the International Council of Exceptional Children held in New York City. Both meetings were productive of renewed enthusiasm for this work.

(c) "The Special Class Teacher", a magazine devoted to the interests of special education and published by the Auxiliary Class Section of the O.E.A., continues successfully to publish and distribute interesting articles and valuable suggestions contributed by auxiliary class teachers throughout the Province.

(d) The Summer Course in Auxiliary Education was not given this year. Eleven teachers pursued studies in various universities to improve their professional knowledge. Four attended summer courses at Columbia University and the University of Michigan. Five attended summer courses in Ontario Universities and two completed their trade training by taking positions in industry. Two teachers were employed as lecturers in the summer courses at Columbia University.

C. E. Stothers,
Inspector of Auxiliary Classes.

Toronto, April 15th, 1942.

APPENDIX G

REPORT OF THE DIRECTOR OF SCHOOL ATTENDANCE

The effects of war are many and varied. As men enter the various branches of the service there are opened up for others the positions left vacant by them. The result is that thousands of women and adolescents are now engaged in industrial occupations who previously were unemployed. Then, too, we have not yet completely recovered from the ill effects of the years of depression. These two conditions account to a great extent for the decrease in school enrolment as shown in the comparative table below.

Table No. 1—Enrolment

	1938-39	1939-40	1940-41	Increase or Decrease
Public Schools	453,182	441,143	433,597	7,546 decr.
Separate Schools	104,466	102,180	100,317	1,863 decr.
High Schools and Collegiate Institutes	72,247	73,102	67,391	5,711 decr.
Continuation Schools	9,866	10,048	9,202	846 decr.
Vocational and Special Industrial Schools—				
Day Classes	35,779	37,900	33,082	4,818 decr.
Night Classes	36,481	34,983	31,848	3,135 decr.
	712,021	699,356	675,437	23,919 decr.

The number of teachers employed in the Elementary schools decreased from 18,046 to 17,954, a difference of 94. The number of schools, however, increased, despite the fact that because of small attendance a number of schools were closed; the Public Schools from 6,485 to 6,528, a difference of 43 and the Separate Schools from 859 to 872, a difference of 13. When schools are closed the pupils are transported to neighbouring schools where they have the advantage of better equipment and a larger social environment.

Table No. 2—Percentage Attendance

Class of School	1936-37	1937-38	1938-39	1939-40	1940-41
City Schools	92.49	92.96	91.5	92.8	92.5
Town Schools	92.67	93.08	92.2	93.3	92.5
Village Schools	91.83	91.95	91.0	92.7	
County Rural Schools	87.65	88.77	89.6	90.3	89.3
District Rural Schools	87.22	86.85	87.4	89.9	
All Urban Schools	92.49	92.92	91.6	93.0	92.5
All Rural Schools	89.34	89.13	88.0	90.2	89.3
All Elementary Schools	90.91	91.51	90.3	91.9	91.3

The 1940-41 term, although lower than the 1939-40 term, the best yet, compares favourably with the others.

School Leaders in Attendance

Of the cities, Galt with 95.3% and Kitchener with 93% were the leaders in percentage attendance. The towns and villages of Brant County had a percentage of 96. Thunder Bay was the District leader, also with 96%. Among the county rural schools, Russell County with 92.3% and Waterloo County with 92.2% stood first in percentage attendance. When the urban and the rural attendances were combined, Waterloo County, with 94.5%, and Wentworth, with 92.7%, were the leaders among the counties, and Sudbury, with 92.5%, and Cochrane, with 92%, among the Provisional Districts.

Table No. 3—Public School Attendance

	1939-40		Days Lost per Pupil	1940-41		Days Lost per Pupil
	Average Attendance	Percentage Attendance		Average Attendance	Percentage Attendance	
Rural.....	160,911	90.0	18.9	154,654	89.1	20.5
Urban.....	236,285	92.7	14.1	231,064	92.3	14.6

Table No. 4—Separate School Attendance

	1939-40		Days Lost per Pupil	1940-41		Days Lost per Pupil
	Average Attendance	Percentage Attendance		Average Attendance	Percentage Attendance	
Rural.....	21,753	91.6	16.0	21,510	91.0	16.7
Urban.....	72,906	93.7	12.4	71,398	93.2	13.1

Table No. 5—Totals

(Tables 3 and 4 combined)

	1939-40		Days Lost per Pupil	1940-41		Days Lost per Pupil
	Average Attendance	Percentage Attendance		Average Attendance	Percentage Attendance	
Rural.....	182,664	90.2	18.5	176,164	89.3	20.1
Urban.....	309,191	93.0	13.7	302,462	92.5	14.3

Table No. 6—All Elementary Schools

	1939-40		Days Lost per Pupil	1940-41		Days Lost per Pupil
	Average Attendance	Percentage Attendance		Average Attendance	Percentage Attendance	
Rural.....	397,196	91.6	16.1	385,718	91.0	17.0
Urban.....	94,659	93.1	13.2	92,908	92.7	13.9

The percentage attendance for all elementary schools was 91.3 and the average loss per pupil was 16.4 days.

Table No. 7—Absence in Elementary Schools

Days lost through	1940-41	Percentage Loss			
		1937-38	1938-39	1939-40	1940-41
Illness	5,708,490	62.39	66.99	65.85	65.20
Home Help	941,804	9.91	7.79	9.86	10.76
Parental Neglect	624,902	6.95	6.06	6.98	7.14
Physical Obstacles	344,038	3.81	4.56	3.75	3.93
Truancy	30,760	.32	.24	.32	.35
Privation	67,116	1.04	1.04	1.06	.77
Irregular Closing	545,615	5.85	6.67	6.06	6.23
Other Reasons	492,133	9.73	6.65	6.12	5.62
Total days lost		8,734,593	9,983,079	8,403,488	8,754,858
The above losses are classified—					
Lawful		6,329,014	7,680,348	6,327,689	6,529,268
Unlawful		2,405,579	2,302,731	2,075,799	2,225,590
Percentage attendance		91.5	90.3	91.9	91.3

An analysis of the above table brings out some interesting facts. The effects of the war are shown in the shortage of help, principally in the rural communities where the percentage loss through home help has risen almost one per cent. Where the heads of the families are both engaged in war or army work there is not the same supervision of the family, with the inevitable result of increased losses due to parental neglect and truancy. On the other hand the increased earnings are reflected in the improvement of conditions, as indicated in the column marked "Privation". In the previous year 88,834 days were lost, this year 67,116, a decrease of 21,718 days. Severe storms lasting several days, in different parts of the Province, increased the loss due to physical obstacles. This is reflected also in the loss under irregular closing, as many schools were closed for a day or two because of weather and road conditions. In such cases the loss is unavoidable. There are times, however, when schools are closed for minor reasons that might have been avoided. Some Boards apparently do not realize that they have no authority to close a school and if they do, they lose the attendance grant that they might, otherwise, have earned.

Table No. 8—Summary of Attendance Officers' Reports

	1938	1939	1940
School Children's Employment Certificates Issued	350	710	1,343
Home Permits Issued	1,730	1,389	1,885
Employment Certificates Issued	1,907	2,146	4,871
Cases brought before Magistrates	527	528	614

Under the School Attendance Act and the Adolescent School Attendance Act ample provision has been made to enable pupils in urgent cases to leave school before the legal retiring age. Each case is carefully examined and if, in the opinion of the Attendance Officer, it merits special consideration, then the necessary permit or certificate is issued.

Table No. 9—Secondary Schools

Schools	No. of schools	No. of teachers	Enrolment 1939-40		Enrolment 1940-41		Percentage Attendance 1939-40	Percentage Attendance 1940-41
High Schools and Collegiates	230	2,855		73,102		67,391	94.6	93.5
Continuation Schools.....	203	587		10,048		9,202	91.4	92.3
Vocational and Special Industrial Schools.....	64	1,751					*94.0	*92.1
Day.....			37,900		33,082			
Night.....			34,983		31,848			
				72,883		64,930		
	497	5,193		156,033		141,523		

*Day Classes only.

The general trend of decreased enrolment is shown also in the secondary schools, where there were 14,510 fewer pupils, all types of schools sharing the loss. Senior pupils in large numbers have volunteered for war services, either in the armed forces or in industries directly related to the war effort.

R. D. Keefe,
Director of School Attendance.

Toronto, August 10th, 1942.

APPENDIX H

REPORT OF THE SUPERINTENDENT OF THE ONTARIO SCHOOL FOR THE DEAF

I have the honour to submit the Annual Report of the Ontario School for the Deaf for the year ending March 31st, 1942.

Attendance

Enrolment by months:—

	Boys	Girls	Total
April, 1941	149	158	307
May	149	156	305
June	149	156	305
October	118	136	254
November	126	145	271
December	128	147	275
January, 1942	128	148	276
February	127	149	276
March	127	149	276

Average attendance for the year—283.

Enrolment by counties and districts:—

Algoma	13 pupils	Middlesex	12 pupils
Brant	5 "	Nipissing	3 "
Bruce	1 pupil	Northumberland	2 "
Carleton	16 pupils	Ontario	5 "
Cochrane	5 "	Oxford	6 "
Dundas	3 "	Parry Sound	5 "
Durham	2 "	Peel	1 pupil
Elgin	2 "	Perth	4 pupils
Essex	23 "	Peterborough	6 "
Frontenac	7 "	Prince Edward	1 pupil
Grey	4 "	Rainy River	1 "
Glengarry	1 pupil	Renfrew	9 pupils
Grenville	1 "	Russell	1 pupil
Haldimand	2 pupils	Simcoe	9 pupils
Halton	3 "	Stormont	6 "
Hastings	8 "	Sudbury	11 "
Huron	4 "	Thunder Bay	7 "
Kenora	2 "	Timiskaming	14 "
Kent	8 "	Victoria	1 pupil
Lambton	1 pupil	Waterloo	12 pupils
Lanark	6 pupils	Welland	13 "
Leeds	5 "	Wellington	6 "
Lennox	1 pupil	Wentworth	19 "
Lincoln	2 pupils	York	60 "

Seventy-three left school during the year, and 50 new pupils were admitted.

The ages of pupils leaving school were:—

20 years	1 pupil	14 years	10 pupils
19 years	3 pupils	13 years	4 "
18 years	4 "	12 years	2 "
17 years	13 "	10 years	1 pupil
16 years	17 "	9 years	1 "
15 years	16 "	7 years	1 "

Ages of new pupils on date of admission:—

4 years	1 pupil	10 years	4 pupils
5 years	13 pupils	11 years	2 "
6 years	7 "	12 years	1 pupil
7 years	9 "	13 years	1 "
8 years	3 "	14 years	3 pupils
9 years	6 "		

AGE-GRADE TABLE—September 15, 1941

	4 yrs.– 5 yrs.	5 yrs.– 6 yrs.	6 yrs.– 7 yrs.	7 yrs.– 8 yrs.	8 yrs.– 9 yrs.	9 yrs.–10 yrs.	10 yrs.–11 yrs.	11 yrs.–12 yrs.	12 yrs.–13 yrs.	13 yrs.–14 yrs.	14 yrs.–15 yrs.	15 yrs.–16 yrs.	16 yrs.–17 yrs.	17 yrs.–18 yrs.	18 yrs.–19 yrs.	19 yrs.–20 yrs.	20 yrs.–21 yrs.	Totals	TOTALS
Junior School																			
4 rooms, Preparatory I	1	11	7	11	3	3	4	1	...	...	...	...	...	...	...	...	...	41	
3 rooms, Preparatory II	...	...	9	7	4	7	4	...	...	...	...	...	...	...	...	...	...	31	
3 rooms, Preparatory III	...	...	...	7	6	4	11	6	...	...	...	...	...	...	...	...	...	34	
1 room, Grade I	...	...	...	...	...	4	4	4	...	...	...	...	...	...	...	...	...	12	
Day Class:																			
Preparatory I	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	
Preparatory II	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	
Preparatory III	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Grade I	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	
																			145
Intermediate School																			
1 Academic, Grade II	...	...	...	...	...	1	...	4	4	4	...	...	...	...	...	...	...	13	
3 Academic, Grade IV	...	...	...	...	...	...	1	1	3	7	1	...	...	...	...	...	...	13	
4 Academic, Grade V	...	...	...	...	...	...	...	...	2	3	3	1	...	...	...	...	...	9	
1 Vocational	...	...	...	...	...	...	...	3	3	2	...	...	...	...	...	...	...	8	
2 Vocational	...	...	...	...	...	...	...	...	3	2	6	...	...	...	...	...	...	11	
Day Class:																			
1 Academic, Grade II	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	
2 Academic, Grade III	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
3 Academic, Grade IV	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	
4 Academic, Grade V	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	
2 Vocational	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	
3 Vocational	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
4 Vocational	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	
																			83
Senior School																			
1 Academic, Grade VI	...	...	...	...	...	...	...	...	...	3	4	...	...	...	...	...	...	7	
2 Academic, Grade VII	...	...	...	...	...	...	...	...	...	...	3	1	...	...	...	...	...	4	
3 Academic, Grade VIII	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	
2 Vocational	...	...	...	...	...	...	...	...	...	1	8	1	...	...	...	...	...	10	
3 Vocational	...	...	...	...	...	...	...	...	...	...	3	4	...	...	...	...	...	7	
Day Classes:																			
1 Academic, Grade VI	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	
2 Academic, Grade VII	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	
3 Academic, Grade VIII	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	
4 Academic, Grade IX	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	
1 Vocational	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	
2 Vocational	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	
3 Vocational	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	
4 Vocational	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	
																			52
Totals	1	11	16	25	13	19	24	19	5	22	28	8	...	...	...	...	...	...	280

ATTENDANCE-GRADE TABLE, 1941

	0 yrs.– 1 yr.	1 yr.– 2 yrs.	2 yrs.– 3 yrs.	3 yrs.– 4 yrs.	4 yrs.– 5 yrs.	5 yrs.– 6 yrs.	6 yrs.– 7 yrs	7 yrs.– 8 yrs.	8 yrs.– 9 yrs.	9 yrs.–10 yrs	10 yrs.–11 yrs	11 yrs.–12 yrs	12 yrs.–13 yrs.	13 yrs.–14 yrs.	Totals	TOTALS
Junior School																
4 rooms, Preparatory I	28	12	....	1	....	....	....	....	....	....	....	....	....	....	41	
3 rooms, Preparatory II	1	23	2	4	....	1	....	....	....	....	....	....	....	....	31	
3 rooms, Preparatory III	....	1	13	15	4	1	....	....	....	....	....	....	....	....	34	
1 room, Grade I	....	....	....	....	6	3	3	....	....	....	....	....	....	....	12	
Day Classes	....	....	....	....	....	....	....	....	....	....	....	....	....	....	27	
																145
Intermediate School																
1 Academic, Grade II	1	....	1	....	3	7	....	1	....	....	....	....	....	....	13	
3 Academic, Grade IV	....	....	....	....	....	5	6	2	....	....	....	....	....	....	13	
4 Academic, Grade V	....	....	2	....	....	1	4	2	....	....	....	....	....	....	9	
1 Vocational	....	1	2	2	1	1	1	....	....	....	....	....	....	....	8	
2 Vocational	1	....	....	3	2	....	3	1	....	1	....	....	....	....	11	
Day Classes	....	....	....	....	....	....	....	....	....	....	....	....	....	....	29	
																83
Senior School																
1 Academic, Grade VI	....	1	....	1	....	....	....	1	4	....	....	....	....	....	7	
2 Academic, Grade VII	....	....	....	....	1	....	....	1	....	1	1	....	....	....	4	
3 Academic, Grade VIII	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	
2 Vocational	....	1	....	....	2	1	2	3	....	1	....	....	....	....	10	
3 Vocational	....	....	....	1	....	....	3	....	2	1	....	....	....	....	7	
Day Classes	....	....	....	....	....	....	....	....	....	....	....	....	....	....	23	
																52
Totals	31	39	20	27	19	20	22	11	6	4	2	....	....	....	....	280

Day Classes — Toronto, Homilton, London, Windsor

Toronto —3 Teachers—Junior School, 12 pupils; Intermediate School, 13 pupils; Senior School, 12 pupils.

Hamilton—2 Teachers—Junior School, 6 pupils; Intermediate School, 5 pupils; Senior School, 7 pupils.

London —1 Teacher —Junior School, 3 pupils; Intermediate School, 4 pupils; Senior School, 5 pupils.

Windsor —1 Teacher —Junior School, 6 pupils; Intermediate School, 5 pupils; Senior School, 1 pupil.

Moving to Belleville

From 1870 to 1941, the Ontario School for the Deaf had been situated in buildings and grounds located two miles west of the City of Belleville. During that time 3,353 deaf children had been educated and trained for life.

In July 1941, the Department of National Defence for the Dominion of Canada, requested the Province of Ontario to grant to the Royal Canadian Air Force the use of these buildings and grounds for the duration of the war, and in August 1941, the R.C.A.F. opened No. 5 Initial Training School on our former site.

Before the end of August, plans were completed for the transfer of the School for the Deaf to buildings in Belleville, rented for the duration of the war. As it was not possible to get possession of all buildings at once, it was necessary to move school furniture, beds and other equipment to temporary storage, making a second moving necessary when buildings became available. Considering these difficulties, and the necessary renovation of buildings, we were fortunate in being able to open school on October 15th, one month later than the usual date.

By renting six houses, and obtaining the use of the Parish Hall of St. Thomas Anglican Church, and a building owned by the Dominion of Canada, it has been possible to obtain sufficient accommodation for classrooms, dormitories, and dining-rooms.

As it was not possible to accommodate all pupils in Belleville, it was necessary to limit admission to classes in Belleville to those under sixteen years of age, and also to open day classes in four of the large cities, viz. Toronto, Hamilton, London and Windsor. To the day classes, not only pupils between 5 and 16 years of age are admitted, but in Toronto, Hamilton and London, pupils between sixteen years and twenty-one years of age are also admitted. If these older pupils live outside the boundaries of the cities, the Province assists in the payment of expenses for board and lodging. As the enrolment for 1941-42 is 276 compared with 305 for 1940-41, comparatively few pupils were unable to attend one or other of the schools.

The teachers of the day-classes are members of the staff of the Ontario School for the Deaf. As the classrooms, heat and light are provided by the four cities respectively, and as the pupils study in the vocational classes of these cities, the teachers have a responsibility not only to the Superintendent of the Ontario School for the Deaf, but also to the Principals of the schools, where their classes are located.

Recreation

Possibly the greatest loss the children have suffered in moving to Belleville has been in giving up the large playgrounds and assembly room. This has been partly overcome by having the senior girls go to the Y.M.C.A. after school one day a week where one of our teachers acts as instructor. A skating rink was

provided for the boys on the grounds of the senior boys' residence on Bleecker Avenue. In addition, the use of the city skating rink was granted on certain days by the owners.

Much of the play equipment, such as slides and swings, has been moved from the former site and placed near the residences now occupied by the children.

The Farm

As the Royal Canadian Air Force did not require the use of the school farm, it has been maintained as formerly to supply milk and eggs for the children.

The Hospital

Hospital beds from the School Hospital were removed to two rooms in one of the rented houses and accommodation was thus provided for ten children. In case of an epidemic, it is possible to use other beds in the same building by transferring healthy children to other residences. Emergency operations are performed at the Belleville City Hospital.

The Teaching Staff

Four teachers resigned at the close of school in June, 1941. Miss Lena Carroll retired on superannuation, having completed forty-one years of teaching, of which twenty-three were devoted to instructing children in the Ontario School for the Deaf. Miss Grace Harris was appointed to the staff of the School for the Deaf in Vancouver, British Columbia, and Miss Mary Hill to the Public School staff, City of Ottawa. Miss Mary Wilkins was married soon after the close of school. As the latter three teachers had just completed their training course, it was a great loss to the school when they left the staff.

The discontinuance of vocational work made necessary the resignations of Miss M. Waite, and Messrs. L. Morrison and T. Truman.

The opening of day-classes in the cities of Toronto, Hamilton, London and Windsor, required the sending of seven of our trained teachers to those centres.

Misses H. Shannon and B. O'Connor were appointed to the staff in September, and began their training as soon as school was opened.

As it was necessary to discontinue part of the work in rhythm, Miss H. Keeler was transferred to classroom work in the junior school.

The death of Mr. Thomas O'Hara in August, came as a great shock to staff and students. Mr. O'Hara had been school carpenter, and instructor in carpentry for many years. He was very successful as a teacher, and very sympathetic in all his contacts with the pupils. By his death, the School lost an efficient teacher, and the Province a faithful public servant.

Report of Dentist

The following work has been completed during the school term:—

Boys: Fillings—(a) Amalgam, 64; (b) Porcelain, 14.
Prophylaxis, 37.
Extractions—(a) Permanent, 7; (b) Deciduous, 36.

Girls: Fillings—(a) Amalgam, 72; (b) Porcelain, 13.
Prophylaxis, 28.
Extractions—(a) Permanent, 7; (b) Deciduous, 34.

Respectfully submitted,

G. C. Caldwell D.D.S.,
Dentist.

Bursar's Report

In estimating the cost per pupil for 1941-42, it has been difficult to make a satisfactory comparison with the similar cost for 1940-41. The average number of pupils for 1941-42 resident in Belleville, was 236, but the average number of pupils, including the pupils in the day classes in Toronto, Hamilton, London and Windsor, was 283.

Although classrooms for the day-classes are provided by the respective cities, the costs for such items as teachers' salaries, supervision and supplies are paid by the Ontario School for the Deaf. Consequently, in estimating the cost per pupil, all children attending classes in Belleville, Toronto, Hamilton, London and Windsor have been included.

ONTARIO SCHOOL FOR THE DEAF

Belleville, Ontario

Cost per pupil, School for the Deaf, Year ending March 31, 1942

Heading of Expenditures	Total expenditures year ending March 31, 1941	Yearly cost per pupil, year ending March 31, 1941	Weekly cost per pupil, year ending March 31, 1941	Total expenditures year ending March 31, 1942	Yearly cost per pupil, year ending March 31, 1942	Weekly cost per pupil, year ending March 31, 1942
Medicine and medical comforts	$562.89	$1.88	$0.04	$454.96	$1.61	$0.03
Groceries and provisions	22,252.37	74.18	1.43	17,818.26	62.96	1.21
Bedding, clothing and shoes	1,548.65	5.16	.10	534.35	1.89	.04
Fuel, light, power and water	17,720.54	59.07	1.13	6,300.67	22.26	.43
Laundry, soap and cleaning	1,962.33	6.54	.13	2,267.51	8.01	.15
Furniture and furnishings	1,530.83	5.10	.10	1,057.85	3.74	.07
Farm expenses	3,419.28	11.40	.22	2,851.74	10.08	.19
Repairs and alterations	2,878.83	9.59	.19	2,829.00	10.00	.19
School supplies and equipment	1,583.04	5.28	.10	1,832.15	6.47	.13
Maintenance of motor vehicles	835.34	2.79	.05	3,708.25	13.10	.25
Contingencies	1,907.49	6.36	.12	2,968.72	10.49	.20
Vocational Supplies	2,955.75	9.85	.19	1,446.43	5.11	.10
Travelling expenses	747.35	2.49	.05	699.32	2.47	.05
Canadian National Exhibition	498.14	1.66	.03	.....	.....	.....
Salaries and wages	88,995.59	296.65	5.70	84,556.67	298.79	5.75
Total expenditures	$149,398.42	$498.00	$9.58	$129,325.88	$456.98	$8.79
Revenue						
Pay Pupils	$4,326.50			$4,362.00		
Farm	5,619.53			6,000.24		
Canadian	91.40			.....		
Industries	215.43			95.40		
Miscellaneous	457.26			409.60		
Perquisites, Pay List	6,925.66			3,526.65		
Total	$17,635.78			$14,393.89		

Average number of pupils, 1940-41 term, 300
Annual cost per pupil, $498.00.
Weekly cost per pupil, $9.58.

Average number of pupils, 1941-42 term, 283
Annual cost per pupil, $456.98.
Weekly cost per pupil, $8.79.

C. B. McGuire,
Bursar.

Report of School Physician

The following is a report on the admissions to the Hospital of the Ontario School for the Deaf, Belleville, from April 1st 1941 to March 31st, 1942. There were 109 admissions. One fracture radius and ulna; one operation for mastoiditis; one pneumonia; the remainder were attacks of influenza with minor complications.

All new pupils were vaccinated, immunized against scarlet fever, and received diphtheria toxoid.

R. W. Tennent,
Physician.

Respectfully submitted,

W. J. Morrison,
Superintendent.

Belleville, June 9th, 1942.

APPENDIX I

REPORT OF THE SUPERINTENDENT OF THE ONTARIO SCHOOL FOR THE BLIND

Enrolment

	Boys	Girls	Total
Enrolment, June, 1941	94	73	167
Withdrawals, June, 1941	17	12	29
	77	61	138
Former students, September, 1941	1	.....	1
New students, September, 1941	13	12	25
Entries during the term	3	2	5
	94	75	169
Withdrawals during the year	6	3	9
Enrolment, June, 1942	88	72	160

Enrolment by Provinces

Year (June)	Ontario	Alberta	Manitoba	Saskatchewan	Total
1936	90	15	10	11	126
1938	111	18	8	14	151
1940	122	20	9	15	165
1941	118	23	6	20	167
1942	112	20	5	23	160

Graduates and Withdrawals

Age	No. of Pupils	Detail
13-18	15	Exclusion 1, died 1, school 1, home 1, married 1, work 10.
19-20	17	School 1, home 4, work 12.
21-23	6	Work 6.

The gratifying fact that 28 of this group are at present employed is largely due to the wholehearted co-operation extended by the Canadian National Institute for the Blind whose field workers regularly visit the School, become acquainted with the senior students and are thus enabled to place them when graduated in industry.

New Pupils

Age	No. Pupils	Age	No. Pupils	Age	No. Pupils
6	2	10	4	15	2
7	4	11	4	16	2
8	2	12	1	17	4
9	2	13	2	18	1
				Total	30

Intelligence Quotient	No. Pupils	Intelligence Quotient	No. Pupils
50 to 70	1	110 to 130	6
70 to 80	3	130 to 140	2
80 to 90	5	140 to 150	1
90 to 100	6	Untested	6
		Total	30

War Work

In January Mr. Joseph Hyde, teacher in Grade IV, enlisted in His Majesty's forces. Mrs. Elsie Whittle very capably taught Mr. Hyde's classes during the remainder of the year.

Proceeds from the School Play $817.00 were donated to the Queen's Fund. The several clubs of the School contributed $72.71 to war work. Some 200 knitted and sewn articles made by the girls of the School were sent overseas. The School Dance Orchestra supplied music twice a week at the Maple Leaf Active Soldiers' Club, Brantford.

School and Student Honours

At the Stratford Musical Festival held in April the School won the following honours:

Madrigal Choir—First Place—Stratford Beacon Herald Trophy.

Male Chorus—First Place—Pounder Brothers' Trophy.

The Ethel Charlton Memorial Scholarships for general proficiency in the graduating year were awarded Enna Buchkowsky and William Johnson.

Michael Bocian won a first prize in a public speaking contest conducted by CKPC, Brantford.

Louise Cowan, at McMaster University, on an Ontario-School-for-the-Blind scholarship, has successfully completed her third year.

John Green, B.A., won scholarships in two post graduate departments at the Saskatchewan University.

Oliver Bell and George Ennismore graduated from the University of Alberta.

Library Report

The Braille Library consists of about 1,000 volumes, half of these being fiction suitable for senior students. The remainder consists of 150 volumes of juvenile fiction, some scripture, and quite a number of volumes of various reference works. Most of the books have been obtained from Great Britain, but owing to difficulties of transportation, none have been ordered this year. The library has been well patronized, the juveniles especially, being very enthusiastic in regard to their reading.

Medical Report

The usual health services have been given to all students,—annual physical examination, diphtheria toxoid and whooping cough serum to all new students, all necessary dental work, and eye examinations,—these latter two by the school dentist and opthalmologist.

Number of hospital days	445
Number of patients	107

Colds	57
Influenza	5
Intestinal flu	1
Measles	1
Impetigo	5
Sore throats and tonsilitis	4
Bilious attacks	8
Infections and boils	11
Heart condition	1
Rest following epileptic seizures	2
Suspect appendix	4
Vertigo	6
Constipation	1
Suspect gall bladder condition	1

(Signed) J. A. MARQUIS,
Physician.

Report of Oculist

During the month of October an examination was made of every pupil attending the school.

Condition of Sight of New Entrants	Male	Female	Total
1. Limited vision in both eyes	9	7	16
2. Limited vision in one eye	1	3	4
3. Quantitative light perception in both eyes	1	1	2
4. Quantitative light perception in one eye none in other	3	2	5
5. Without light perception in both eyes	2	1	3
Totals	16	14	30

Diseases Causing Blindness among New Entrants	Male	Female	Total
1. Ophthalmia Neonatorum and Keratitis	1	1	2
2. Congenital Cataract	4	2	6
3. Myopia	.....	2	2
4. Optic Atrophy	3	4	7
5. Congenital Lesions, Aniridia, Buphthalmus, Nystagmus	4	3	7
6. Fundus Lesions, Diseases of Retina and Choroid	3	2	5
7. Sympathetic Ophthalmia, Plastic Uveitis	1	.....	1
Totals	16	14	30

In many ways the type of eye lesion noted above compares with that found in former examinations except that congenital cataract has been displaced by two other groups, viz., optic atrophy and congenital conditions such as aniridia, nystagmus and buphthalmus. It is difficult to offer any explanation for this apparent change, especially in the case of optic atrophy which seems to have increased quite beyond the normal limits.

In the class of 1940, there were five cases of myopia, whereas this year there are only two. It would appear perhaps the advent and wide use of vitamins, particularly vitamin A, and calcium have helped to cut down the number of cases of myopia or to prevent the disease from becoming progressive. In like manner one might conclude that the falling off in the number of congenital cataract cases may be attributed to a wider public education, as to pre-natal care and especially as to pre-natal diet.

Throughout the year many pupils were seen for purposes of changing glasses or of treating minor eye troubles. Fortunately there were no eye accidents and generally the year was an excellent one from the point of the "eye health" of the School.

NORMAN W. BRAGG, M.D., F.A.C.S.

Dental Report

All pupils presented themselves for dental examination. The following work was done:

	Boys	Girls
Fillings	142	94
Extraction of permanent teeth	14	9
Extraction of deciduous teeth	20	11

Twenty-three boys and 29 girls required no fillings.
Thirty-one boys and 15 girls required only one filling.

J. R. WILL.

BURSAR'S REPORT — Financial Statement

EXPENDITURES:		
Salaries and Wages	$56,344.42	
Travelling Expenses	649.27	
Medical Department	467.08	
Groceries and Provisions	16,203.96	
Bedding and Clothing	236.59	
Fuel, Light, Power and Water	9,954.38	
Laundry Soap and Cleaning	1,744.04	
Furniture and Furnishings	608.16	
Farm and Garden	826.26	
Repairs and Alterations	1,877.82	
School Supplies, etc.	1,343.19	
Dental and Oculist Services	476.00	
Contingencies	1,255.89	
		$91,987.06
CASUAL REVENUE RETURNED TO DEPARTMENT:		
Perquisites	$5,817.80	
Farm Account	969.05	
Pigs sold	35.55	
Chickens sold	43.50	
Old Mower sold	10.00	
Salvage sold	9.00	
Western fees	14,860.00	
		$21,744.90
ACTUAL EXPENDITURE		$70,242.16

I should like to add my appreciation of the good work done by our staff in school, and also in war activities and services, out of school.

All of which is respectfully submitted,

(Signed) H. J. VALLENTYNE,
Superintendent.

Brantford, Ontario, June 30th, 1942.

APPENDIX J

REPORT OF THE ACTING INSPECTOR OF PUBLIC LIBRARIES

To the Honourable Duncan McArthur, M.A., LL.D.

I have the honour to submit the following report of the Public Libraries Branch for the year 1941, including statistics for public libraries in 1940, together with a statement of the Legislative grants paid in 1941. In the absence of the Inspector of Public Libraries, who is on active service, the work of the branch has been carried on under the supervision of the Acting Inspector.

County Libraries

County library associations are increasing in number and influence, and are demonstrating their usefulness to the libraries and schools in ever widening circles. As an instance of this, in the County of Middlesex, 111 school sections out of 182 are receiving school loans, and a quotation from a recently published report covering these schoolroom loans is as follows:

> "While we can give figures to show the enormous increase in the circulation of Juvenile books, what we consider most important is that these children are having access to the best literature, and we hope to create a desire for the reading of good books, so that in later years they may become members of their local library."

During 1941 the County of Huron was organized as a county library association, and the smaller libraries in that county are already receiving the benefit of a liberal supply of new books which are sent every three or four months.

Other counties and districts are making enquiry regarding organization methods, and it is hoped that during 1942 there will be a substantial increase in the number of county and district library associations, more especially in the northern and eastern parts of the Province.

Public Libraries of the Province

At present we have 232 free libraries and 269 association libraries in the Province. The sum of $41,405.10 was paid in Legislative grants; these grants varied from $2,511.25 to $5.00. Some of the association libraries did not receive grants through lack of members or other failures to meet the Regulations. Some of the figures, taken from the tables of statistics, are as follows: Amount of Legislative grant paid to the free libraries of the Province, $29,812.88; amount paid to the association libraries, $11,592.22.

The Legislative grants paid in 1941 amounted to approximately 3.02 per cent. of the total expenditure on libraries for 1940.

Municipal appropriation to the free public libraries of the Province in 1940 was $1,170,423.91, and the amount expended on books by the free and association libraries in 1940 was $269,451.81. The total expenses of the free libraries in 1940 was $1,289,043.56, and of the association libraries $54,579.90.

Population served by the free libraries in 1940 was 2,074,848, and by the association libraries 214,013. The total number of borrowers registered in the free and association libraries of the Province was 697,573.

The number of volumes in the free libraries was 2,825,031, and the circulation of them 12,514,929. The association libraries had 663,442 books and the circulation was 893,489, making a total circulation of books in the Province of 13,408,418. The per capita circulation of books in the Province is 3.8.

The Travelling Libraries

The figures regarding the travelling libraries are as follows: Total number of books in the collection 36,854. The number of libraries sent out during 1941 was 1,237, divided as follows: To small public libraries, 265; to schools, 823; to women's institutes, 61, and to study groups, 88. The number of books added to the collection in 1941 was 3,129. A comparison of books circulated during the last three years shows that, in 1939, 112,488 books were sent out, in 1940, 133,465 books, and, in 1941, 142,777.

An increased number of libraries have been visited, meetings with library boards have been held, and under the editorship of the Acting Inspector, the Ontario Library Review and Periodical Index has been issued quarterly as usual.

Change in Status of Libraries

Three association libraries were removed from the list of active libraries. They are East Linton, Delta, and Maxwell.

One county library association was added, that of Huron, and a branch of the Fort William public library, situated at 102 Training Centre, Fort William, has been recognized. In addition to these, representation was made by the President of the Ontario Library Association, on behalf of the small library institutes which gathered at certain intervals, for instruction and assistance in library work. A grant of $50.00 was given for this object.

The appended statistical tables are for the year 1940, and show the Legislative grants paid in 1941.

I have the honour to be, Sir,

Your obedient servant,

S. B. Herbert,
Acting Inspector of Public Libraries.

Toronto,
February 18th, 1942.

FREE PUBLIC

Showing Statistics, 1940, and

No.	Library	Population	Borrowers	Volumes in Library	Circulation of Books	Salary paid Librarians	Salaries paid Permanent Assistants
						$ c.	$ c.
1	Acton	1,855	645	5,852	11,447	156.00	96.00
2	Ailsa Craig	487	173	4,019	2,482	100.00	.....
3	Almonte	2,300	624	4,899	18,108	420.00	.....
4	Amherstburg	2,900	903	6,685	30,132	900.00	.....
5	Arnprior					No Annual	Report
6	Arthur	1,032	122	3,908	5,770	99.60	.....
7	Aurora	2,762	749	7,035	24,299	420.00	117.00
8	Aylmer	2,500	1,700	14,604	19,623	300.00	.....
9	Ayr	768	442	5,085	7,477	175.00	.....
10	Barrie	8,722	3,748	10,813	73,136	1,008.37	603.15
11	Beamsville	1,200	832	8,902	16,432	300.00	.....
12	Beaverton					No Annual	Report
13	Beeton	600	118	2,647	1,855	50.00	.....
14	Belleville	14,876	7,044	17,187	105,089	1,250.00	1,508.50
15	Belmont	400	333	2,040	3,416	102.00	.....
16	Bothwell	647	164	2,505	3,950	104.00	.....
17	Bracebridge	2,449	1,121	6,366	24,650	600.00	.....
18	Brampton	5,613	2,820	8,015	42,093	720.00	252.90
19	Brantford	31,439	14,848	41,912	220,899	1,400.00	5,404.96
20	Brighton	1,500	329	3,196	12,746	180.00	.....
21	Brockville	9,961	6,987	23,093	71,974	1,607.60	1,306.26
22	Brussels	750	200	5,280	4,076	240.00	.....
23	Burk's Falls	680	517	2,804	3,264	180.00	.....
24	Campbellford	3,000	1,774	8,990	28,466	625.00	27.50
25	Cardinal	1,450	175	3,996	3,368	100.00	.....
26	Carleton Place	4,143	650	7,094	9,903	350.00	.....
27	Cayuga	700	65	2,939	2,915	60.00	.....
28	Chatham	17,207	4,369	27,325	118,381	1,446.34	3,722.41
29	Chesley	1,750	412	5,887	15,932	225.00	.....
30	Clifford	492	105	5,198	4,128	50.00	.....
31	Clinton	1,900	541	11,326	13,010	525.00	.....
32	Collingwood	6,000	1,000	13,221	25,735	720.00	.....
33	Cornwall	13,650	2,017	12,637	47,476	900.00	215.50
34	Delhi	2,430	331	3,553	13,737	221.95	.....
35	Drayton	523	241	4,171	3,484	240.00	.....
36	Dresden	1,592	220	4,003	8,681	364.00	.....
37	Dryden	1,714	428	4,551	14,758	250.00	.....
38	Dundas	5,141	2,772	10,705	41,790	626.13	541.55
39	Durham	1,872	772	7,424	16,507	300.00	.....
40	Elmira	2,060	1,128	7,180	10,003	250.00	.....
41	Elora	1,195	443	10,905	14,742	240.00	.....
42	Erin	500	136	3,386	3,003	60.00	.....
43	Essex	1,800	578	4,798	6,085	400.00	.....
44	Exeter	1,613	940	5,479	17,912	350.00	.....
45	Fenelon Falls	1,060	341	3,300	8,952	180.00	.....
46	Fergus	2,759	632	6,739	16,658	350.00	70.59
47	Flesherton	457	90	1,449	2,409	50.00	.....
48	Fonthill	1,000	469	7,875	4,163	180.00	.....
49	Forest	1,564	700	3,252	18,815	513.50	.....
50	Fort Erie, Main	6,803	2,641	11,964	39,168	540.00	640.00
51	Branch					Included	in figures of
52	Fort Frances	5,800	1,690	3,913	26,420	1,000.00	176.25
53	Fort William, Main	31,624	12,266	46,923	218,500	2,400.66	7,079.83
54	Branch...					Included	in figures of
55	Military..						

LIBRARIES

Legislative Grants Paid in 1941

No.	Certificate of Librarianship		Municipal Appropriation	Municipal Appropriation per Capita	Legislative Grant Paid in 1941	Amount Expended on Books	Total Expenditure	Hours Library is Open per Week
	Librarian	Assistants						
			$ c.		$ c.	$ c.	$ c.	
1	.....	.....	644.65	.35	90.80	291.90	814.37	4
2	.....	.....	130.00	.27	51.62	66.30	195.59	6
3	.....	.....	600.00	.26	124.52	226.93	756.73	12
4	.....	.....	2,000.00	.69	135.50	537.51	2,444.63	35
5	for	1940						
6	.....	.....	286.99	.28	62.42	75.53	384.58	8
7	.....	.....	1,050.00	.38	127.80	529.17	1,219.40	11½
8	.....	.....	1,000.00	.40	124.52	337.50	1,226.00	12
9	.....	.....	350.00	.46	67.93	87.47	677.80	27
10	1	.....	4,511.00	.52	205.20	1,127.76	4,962.90	33½
11	.....	.....	850.00	.71	140.22	316.36	973.48	15
12	for	1940						
13	.....	.....	150.00	.25	39.00	.....	131.90	24
14	1	1	6,000.00	.40	209.00	1,658.13	6,954.51	66
15	.....	.....	200.00	.50	58.05	73.92	327.01	6
16	.....	.....	130.00	.20	58.62	90.35	242.10	10½
17	.....	.....	1,224.50	.50	132.47	466.95	1,579.13	25
18	.....	.....	2,700.00	.48	159.00	770.58	3,215.33	35¾
19	.....	4	12,500.00	.40	209.00	3,675.14	13,916.43	59
20	.....	.....	360.00	.24	75.57	205.06	522.36	12
21	.....	.....	5,976.60	.60	159.00	905.18	6,134.18	30
22	.....	.....	500.00	.67	82.22	102.50	680.00	30
23	.....	.....	300.00	.44	62.52	57.81	397.84	8
24	1	.....	1,550.00	.52	192.17	609.55	1,954.91	21
25	.....	.....	200.00	.14	46.08	41.62	292.52	5
26	.....	.....	600.00	.14	144.27	300.78	808.43	22
27	.....	.....	100.00	.14	36.04	67.33	134.41	8
28	1	1	8,500.00	.49	209.00	1,308.51	9,632.92	66½
29	.....	.....	700.00	.40	123.10	299.55	957.14	9½
30	.....	.....	135.00	.27	33.11	89.56	189.56	58
31	1	.....	900.00	.47	197.87	379.21	1,489.69	31½
32	.....	.....	2,675.00	.45	144.00	504.26	2,884.51	45
33	.....	.....	3,000.00	.22	159.00	1,188.79	3,181.09	43½
34	.....	.....	1,215.00	.50	122.72	331.06	1,238.09	10
35	.....	.....	340.00	.65	58.48	53.27	394.64	26
36	.....	.....	800.00	.50	134.79	340.36	1,141.50	35
37	.....	.....	550.00	.32	99.00	314.05	765.67	8
38	.....	.....	2,600.00	.51	147.67	480.79	2,926.30	25
39	.....	.....	800.00	.43	123.72	506.82	1,037.71	12
40	.....	.....	1,025.00	.50	149.85	222.44	1,206.48	14
41	.....	.....	617.94	.52	95.04	211.16	842.55	13
42	.....	.....	225.00	.45	29.73	30.30	215.84	6
43	.....	.....	900.00	.50	131.94	273.23	1,079.36	16
44	.....	.....	950.00	.59	121.25	364.63	1,099.38	15½
45	.....	.....	530.00	.50	99.00	250.12	615.66	9
46	.....	.....	1,050.00	.38	97.27	311.37	1,442.68	18
47	.....	.....	188.65	.41	65.57	110.25	165.47	11
48	.....	.....	400.00	.40	83.69	102.41	416.19	7
49	.....	.....	800.00	.51	127.48	245.71	1,028.86	31
50	.....	.....	2,000.00	.29	263.70	999.69	2,433.77	32
51	Main	Library						
52	1	.....	2,365.00	.41	199.22	597.11	2,800.46	33
53	1	2	17,596.54	.56	569.00	2,930.36	18,958.34	118
54	Main	Library						
55								

FREE PUBLIC

No.	Library	Population	Borrowers	Volumes in Library	Circulation of Books	Salary paid Librarians	Salaries paid Permanent Assistants
						$ c.	$ c.
56	Galt	14,226	8,503	14,366	81,110	1,300.00	1,809.25
57	Gananoque	3,966	2,100	7,204	25,589	600.00	194.55
58	Georgetown	2,250	720	5,584	10,552	300.00	.....
59	Glencoe	729	487	4,307	10,438	250.00	.....
60	Goderich	4,687	2,107	7,562	25,348	780.00	.....
61	Gore Bay	800	200	1,565	2,910	104.00	25.00
62	Grand Valley	629	121	3,566	5,195	300.00	.....
63	Gravenhurst	2,050	645	3,517	21,250	194.59	.....
64	Grimsby	1,988	1,149	5,877	26,935	730.00	.....
65	Guelph	21,818	12,297	38,546	198,220	1,450.00	3,920.37
66	Hagersville	1,347	357	4,116	6,387	200.00	.....
67	Haileybury	2,735	827	5,362	18,329	272.35	.....
68	Hamilton, Main	155,836	40,037	156,039	720,748	3,850.06	42,109.63
69	Barton Branch					Included	in figures of
70	Kenilworth Branch						
71	Locke St. Branch						
72	Mountain Branch						
73	Hanover	3,215	1,734	6,344	21,157	525.00	.....
74	Harriston	1,302	897	6,676	20,592	480.00	.....
75	Hensall	686	198	3,179	5,704	110.00	.....
76	Hespeler	3,042	942	6,917	22,825	633.28	.....
77	Hillsburg	400	209	2,555	4,855	96.00	.....
78	Ignace	421	69	955	1,441	50.00	.....
79	Ingersoll	5,448	3,800	10,668	46,312	900.00	.....
80	Kemptville	1,250	829	4,617	10,973	225.00	.....
81	Kenora	8,710	3,963	8,428	55,992	1,150.00	652.80
82	Kincardine	2,485	820	5,422	16,832	325.00	.....
83	Kingston	27,923	15,575	35,122	214,834	2,000.00	7,712.35
84	Kingsville	2,400	417	6,147	7,511	451.02	.....
85	Kitchener	34,232	10,227	43,836	240,869	2,364.00	5,360.00
86	Lakefield	1,330	544	2,838	8,249	175.00	.....
87	Lanark	719	285	2,796	5,220	75.00	30.00
88	Lancaster	600	106	3,121	1,292	104.80	.....
89	Leamington	5,000	1,365	10,273	31,236	720.00	150.00
90	Lindsay	7,686	3,302	19,562	70,148	720.00	569.66
91	Listowel	2,900	1,023	7,579	33,195	600.00	.....
92	Little Britain	250	72	3,711	3,090	5.00	5.00
93	Little Current	1,100	431	1,454	1,612	72.00	.....
94	London, Main	77,369	24,789	109,622	442,752	3,600.00	21,503.85
95	East Branch					Included	in figures of
96	South Branch						
97	South East Branch						
98	Lucknow	977	269	6,333	9,543	199.37	.....
99	Markdale	776	460	3,750	6,068	125.00	.....
100	Meaford	2,800	1,007	4,678	24,680	286.00	251.20
101	Merrickville	800	281	2,608	4,600	204.00	.....
102	Merritton	2,919	941	10,227	20,790	524.04	.....
103	Midland	6,513	2,200	8,077	50,635	983.36	881.86
104	Millbrook	734	214	3,218	27,777	183.50	.....
105	Milton	1,800	579	7,424	8,036	300.00	.....
106	Milverton	1,014	255	6,234	7,559	200.12	.....
107	Mimico	7,000	3,022	7,910	50,645	1,000.00	900.00
108	Mitchell	1,674	404	5,491	13,568	300.00	.....
109	Mount Dennis	10,200	5,936	6,978	71,824	689.00	530.00
110	Mount Forest	1,815	1,021	7,050	12,975	483.31	.....
111	Newcastle	675	274	4,945	10,649	180.00	.....
112	New Hamburg	1,400	688	4,376	15,290	260.00	.....
113	New Liskeard	3,000	1,327	12,089	28,508	600.00	.....

LIBRARIES

No.	Certificate of Librarianship		Municipal Appropriation	Municipal Appropriation per Capita	Legislative Grant Paid in 1941	Amount Expended on Books	Total Expenditure	Hours Library is Open per Week
	Librarian	Assistants						
			$ c.		$ c.	$ c.	$ c.	
56	1	2	7,143.00	.50	209.00	2,011.59	8,965.01	61
57	.....	.....	2,000.00	.50	154.32	839.94	2,296.98	36
58	.....	.....	1,000.00	.14	135.95	397.44	1,235.96	13½
59	.....	.....	500.00	.69	105.03	250.93	714.73	21
60	.....	.....	2,150.00	.46	159.00	673.42	2,571.25	42
61	.....	.....	200.00	.25	91.52	101.20	292.62	5
62	.....	.....	500.00	.79	63.37	131.12	975.83	9
63	.....	.....	916.34	.45	111.37	359.38	1,075.05	9
64	.....	.....	1,200.00	.60	137.64	469.63	2,048.27	27½
65	.....	.....	10,909.00	.50	154.00	3,365.35	11,777.46	57
66	.....	.....	550.00	.41	138.87	220.67	662.83	9
67	.....	.....	973.57	.36	129.07	265.59	1,071.11	18½
68	1	29	78,461.00	.50	734.82	11,664.11	82,271.15	201
69								
70	Main	Library						
71								
72								
73	.....	.....	1,000.00	.31	122.50	598.42	1,315.59	28
74	.....	.....	800.00	.61	139.72	332.69	1,198.35	35½
75	.....	.....	191.66	.28	77.63	168.89	332.05	12
76	1	.....	1,868.86	.61	204.00	629.99	2,428.18	19
77	.....	.....	219.85	.55	56.46	112.33	267.87	8
78	.....	.....	50 00	.12	9.00	12.50	63.00	13
79	1	.....	2,565.00	.47	204.00	1,042.40	3,123.44	26½
80	.....	.....	550.00	.44	149.85	194.92	861.71	14
81	.....	.....	4,200.00	.48	159.00	1,198.48	4,614.78	34
82	.....	.....	900.00	.36	100.00	305.38	1,370.98	13
83	1	4	13,500.00	.48	209.00	2,685.64	15,842.68	66
84	.....	.....	900.00	.37	111.88	315.33	1,262.91	20
85	1	4	16,725.00	.49	209.00	5,533.27	18,175.72	58
86	.....	.....	300.00	.23	120.41	132.28	387.99	6½
87	.....	.....	200.00	.28	73.30	128.14	259.15	3
88	.....	.....	300.00	.50	19.00	.....	257.65	4
89	.....	.....	2,200.00	.44	146.50	834.84	2,415.33	45
90	.....	.....	3,600.00	.47	159.00	1,712.54	4,440.85	36
91	.....	.....	1,100.00	.38	146.72	555.25	1,452.32	42
92	.....	.....	75.00	.30	57.28	45.11	224.13	78
93	.....	.....	100.00	.09	49.82	105.69	203.61	4
94	.....	13	46,585.00	.60	681.40	12,127.69	49,979.26	104
95								
96	Main	Library						
97								
98	.....	.....	488.50	.50	118.82	515.64	805.16	7½
99	.....	.....	259.05	.33	60.89	126.84	588.79	7½
100	.....	.....	1,350.00	.48	141.57	661.86	1,644.18	33½
101	.....	.....	379.26	.47	104.70	233.65	469.15	63½
102	.....	.....	1,897.14	.65	122.40	485.34	1,867.19	14
103	1	.....	4,170.00	.64	204.00	1,241.43	4,950.09	25
104	.....	.....	325.00	.44	105.91	128.55	439.86	8
105	.....	.....	600.00	.33	99.00	332.16	785.23	7½
106	.....	.....	767.70	.76	108.96	236.03	910.03	11
107	.....	.....	4,000.00	.57	154.00	1,257.43	4,557.05	32½
108	.....	.....	600.00	.36	126.25	304.14	947.69	10
109	.....	.....	3,115.00	.31	141.74	783.39	3,329.76	30
110	.....	.....	968.00	.53	101.86	174.01	1,386.63	25
111	.....	.....	350.00	.52	127.42	232.84	823.05	7
112	.....	.....	750.00	.54	120.67	196.67	749.39	24
113	.....	.....	1,500.00	.50	139.25	597.26	2,215.91	45

FREE PUBLIC

No.	Library	Population	Borrowers	Volumes in Library	Circulation of Books	Salary paid Librarians	Salaries paid Permanent Assistants
						$ c.	$ c.
114	Newmarket	3,790	1,292	7,064	35,897	300.00	.....
115	New Toronto	8,849	2,566	14,009	76,915	1,400.00	1,441.60
116	Niagara	1,400	304	9,534	5,313	300.00	.....
117	Niagara Falls, Main	18,726	7,677	30,662	165,393	1,560.00	4,778.25
118	Drummond Branch					Included	in figures of
119	North Bay	16,072	8,057	19,060	108,797	1,497.50	2,243.14
120	Norwich	1,300	310	5,687	9,530	240.00	.....
121	Norwood	710	427	2,239	9,555	200.00	.....
122	Oakville	3,803	1,349	9,665	20,639	900.00	.....
123	Oakwood	250	110	2,963	2,963	75.03	.....
124	Oil Springs	640	95	432	12,589	50.30	.....
125	Orangeville	2,800	732	9,831	22,594	720.00	.....
126	Orillia	9,171	3,732	11,027	75,434	800.00	1,468.50
127	Oshawa	25,047	13,850	17,995	115,201	1,608.00	3,429.70
128	Ottawa, Main	145,183	30,620	170,173	512,993	4,225.00	30,773.00
129	Boys and Girls Branch						
130	Edinburgh Branch						
131	Rideau Branch					Included	in figures of
132	South Branch						
133	West Branch						
134	Otterville	2,622	68	1,580	2,753	106.00	.....
135	Owen Sound	13,720	3,948	23,120	126,700	1,100.00	1,836.50
136	Paisley	729	230	3,404	4,393	288.39	.....
137	Palmerston	2,500	730	5,019	7,856	360.00	.....
138	Paris	4,427	1,591	15,410	33,088	725.02	116.50
139	Parkhill	997	554	3,912	9,200	200.00	.....
140	Parry Sound	3,599	1,078	7,760	28,190	600.00	.....
141	Pembroke	10,600	2,500	16,206	33,412	1,100.00	.....
142	Penetanguishene	4,000	709	9,187	20,451	400.00	.....
143	Perth	4,218	1,123	6,658	54,833	600.00	281.00
144	Peterborough	24,530	4,630	33,232	176,896	2,500.00	5,893.78
145	Petrolia	2,596	1,205	2,029	12,020	312.00	.....
146	Picton	3,539	2,176	10,229	36,822	800.00	216.00
147	Porcupine-Dome	5,477	1,251	4,469	23,111	480.00	92.00
148	Port Arthur	22,704	4,768	18,489	130,638	1,575.00	4,525.00
149	Port Carling	600	225	2,809	7,405	230.00	.....
150	Port Colborne	6,772	2,369	8,063	27,356	800.00	.....
151	Port Elgin	1,370	548	5,694	8,704	261.00	.....
152	Port Hope	4,300	1,817	11,987	26,763	750.00	232.50
153	Port Perry	1,160	391	3,724	7,074	175.00	.....
154	Port Rowan	700	240	2,610	6,760	100.00	.....
155	Prescott	3,021	1,235	13,324	24,724	456.00	249.00
156	Preston	6,358	2,575	10,873	57,054	778.70	547.50
157	Renfrew	5,076	2,314	15,918	44,912	725.00	135.00
158	Richmond Hill	1,354	1,140	4,575	7,055	244.00	.....
159	Rittenhouse	500	276	2,908	3,409	.....	.....
160	St. Catharines	28,612	10,319	38,146	198,524	2,504.96	6,033.00
161	St. Edmunds	595	320	2,269	3,949	65.50	.....
162	St. Jacobs	600	333	2,065	3,868	168.00	.....
163	St. Marys	4,009	2,434	8,651	19,208	700.00	.....
164	St. Thomas	16,493	6,427	21,282	162,245	1,750.00	3,376.12
165	Saltfleet Twp.	6,158	1,944	7,711	34,172	300.00	160.00
166	Sarnia	17,991	9,247	28,710	160,158	2,400.00	3,950.09
167	Sault Ste. Marie	24,368	8,756	21,526	140,189	1,560.00	4,371.72
168	West Branch					Included	in figures of
169	Schreiber	1,211	231	1,396	7,597	150.00	.....
170	Seaforth	1,800	301	4,111	9,450	420.00	.....
171	Shelburne	1,099	270	6,576	6,717	180.00	.....
172	Simcoe	6,340	2,877	14,231	54,532	900.00	477.81

LIBRARIES

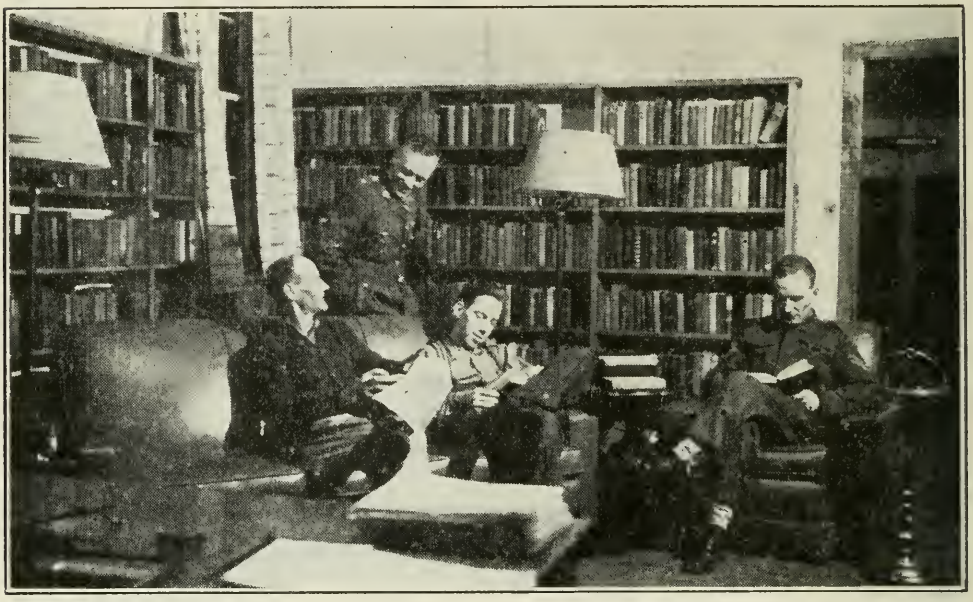
No.	Certificate of Librarianship		Municipal Appropriation	Municipal Appropriation per Capita	Legislative Grant Paid in 1941	Amount Expended on Books	Total Expenditure	Hours Library is Open per Week
	Librarian	Assistants						
			$ c.		$ c.	$ c.	$ c.	
114	.....	.....	1,200.00	.32	131.16	661.85	1,341.40	10
115	1	1	5,588.55	.63	204.00	1,099.85	6,267.53	31
116	.....	.....	750.00	.54	139.00	264.59	814.70	8
117	1	4	11,723.89	.63	411.64	3,672.19	17,601.34	92
118	Main	Library						
119	1	1	7,500.87	.47	209.00	2,036.07	8,250.37	33
120	.....	.....	700.00	.54	121.33	280.63	1,095.84	8
121	.....	.....	400.00	.56	53.41	81.98	440.67	26
122	1	.....	2,100.00	.55	204.00	411.74	2,620.82	31½
123	.....	.....	63.41	.25	14.00	.....	84.08	6
124	.....	.....	150.00	.23	63.30	147.02	234.04	7½
125	.....	.....	1,800.00	.64	145.55	520.45	2,311.94	28¾
126	1	2	4,500.41	.49	204.00	1,083.66	5,229.06	33
127	1	3	10,000.00	.40	209.00	3,442.03	11,004.65	66
128	.....	14	72,591.50	.50	867.10	13,633.00	79,590.41	259½
129								
130								
131	Main	Library						
132								
133								
134	.....	.....	234.74	.09	68.94	84.91	484.34	15
135	1	2	6,200.00	.45	209.00	1,482.23	6,978.74	48
136	.....	.....	300.00	.41	61.25	51.65	413.17	13½
137	.....	.....	1,343.00	.54	125.52	220.07	2,094.33	38½
138	.....	.....	2,300.00	.52	158.12	378.88	2,612.40	42
139	.....	.....	530.37	.53	124.07	245.33	1,046.10	18
140	.....	.....	1,300.00	.36	99.00	926.33	1,703.53	14
141	1	.....	3,000.00	.28	209.00	1,010.00	3,078.52	25½
142	.....	.....	1,300.00	.32	126.00	290.97	1,382.41	10½
143	.....	.....	2,100.00	.50	159.00	677.57	2,675.92	33
144	1	3	13,200.00	.54	209.00	2,858.57	14,319.06	72
145	.....	.....	720.00	.34	65.71	247.86	690.51	25
146	1	.....	3,200.00	.90	209.00	947.00	2,779.73	37½
147	.....	.....	1,500.00	.27	104.50	440.63	1,624.70	10½
148	1	2	14,000.00	.62	209.00	2,391.80	14,615.38	72
149	.....	.....	380.99	.63	60.06	141.15	470.83	8
150	.....	.....	1,779.99	.26	148.18	663.31	1,991.37	25½
151	.....	.....	832.00	.61	101.78	224.28	1,251.69	45
152	1	1	2,100.00	.49	204.00	528.26	2,342.63	40
153	.....	.....	700.00	.60	88.54	147.52	1,081.12	14
154	.....	.....	250.00	.36	113.72	197.70	447.02	6
155	.....	1	1,462.00	.48	187.12	514.18	1,838.61	12
156	.....	1	3,168.50	.50	209.00	921.94	3,498.74	36
157	.....	.....	2,657.50	.52	159.00	1,023.11	2,905.19	27
158	.....	.....	465.79	.34	114.02	299.40	590.99	7
159	.....	.....	102.00	.20	101.31	176.27	210.01	2
160	.....	3	17,226.80	.60	209.00	3,526.60	17,058.66	63
161	.....	.....	130.00	.22	39.76	36.62	154.48	4
162	.....	.....	300.00	.50	78.41	127.18	629.07	18
163	.....	.....	1,700.00	.42	154.00	420.45	1,785.85	29½
164	1	3	11,442.45	.69	209.00	3,729.69	12,629.26	66
165	.....	.....	1,200.00	.19	110.00	571.41	1,369.02	29
166	1	1	12,000.00	.67	209.00	3,566.52	12,832.12	66
167	1	3	12,000.00	.49	326.37	3,911.31	13,463.29	100¼
168	Main	Library						
169	.....	.....	290.00	.24	90.85	105.02	385.82	71
170	.....	.....	947.46	.53	76.65	165.73	1,308.58	32½
171	.....	.....	700.00	.64	135.75	271.55	969.09	12
172	.....	.....	3,250.00	.51	159.00	1,202.86	4,915.74	31½

FREE PUBLIC

No.	Library	Population	Borrowers	Volumes in Library	Circulation of Books	Salary paid Librarians	Salaries paid Permanent Assistants
						$ c.	$ c.
173	Smith's Falls	8,000	2,871	13,708	29,272	900.00	303.00
174	South River	885	249	1,190	1,587	60.00	.....
175	Springfield	387	159	2,578	3,540	100.00	.....
176	Stayner	1,000	302	2,295	6,206	100.00	.....
177	Stirling	935	371	5,890	9,848	324.60	.....
178	Stouffville	1,198	649	6,947	11,952	350.00	.....
179	Stratford	17,163	5,190	29,106	135,923	1,105.00	2,482.60
180	Strathroy	2,835	529	5,712	14,000	600.00	.....
181	Streetsville	700	467	3,774	11,994	216.00	.....
182	Sudbury	32,731	3.600	8,853	70,564	1,699.92	1,799.88
183	Sundridge	600	218	1,357	2,608	40.00	.....
184	Sutton	806	492	4,696	5,021	130.00	.....
185	Swansea	5,600	800	6,365	18,162	490.00	124.00
186	Tara	525	131	3,025	3,105	166.00	.....
187	Tavistock	1,175	302	6,957	6,203	234.00	.....
188	Teeswater	873	96	6,579	3,840	199.98	.....
189	Thamesville	816	246	3,269	8,531	216.00	.....
190	Thorold	5,000	801	8,152	19,635	600.00	375.00
191	Tilbury					No Annual	Report
192	Tillsonburg	4,612	1,511	6,383	33,484	660.00	71.00
193	Timmins	28,630	9,844	20,301	98,021	1,614.60	2,869.25
194	Toronto, Main	649,123	198,078	635,859	3,909,786	6,000.00	3,909,786
195	Beaches Branch						
196	Bloor-Gladstone Br.						
197	Boys and Girls Branch						
198	Danforth Branch						
199	Deer Park Branch						
200	Downtown Branch						
201	Earlscourt Branch						
202	Eastern Branch						
203	Exhibition Branch						
204	Gerrard Branch					Included	in figures of
205	High Park Branch						
206	Northern Branch						
207	Queen-Lisgar Branch						
208	Riverdale Branch						
209	Runnymede Branch						
210	Western Branch						
211	Wychwood Branch						
212	Yorkville Branch						
213	Trenton	7,655	4,213	13,415	47,882	1,049.96	600.00
214	Uxbridge	1,325	338	7,252	12,194	60.00	.....
215	Walkerton	2,641	764	10,858	24,661	600.00	.....
216	Wallaceburg	4,783	1,906	7,485	32,267	626.00	450.00
217	Waterford	1,294	468	2,577	9,568	260.00	.....
218	Waterloo	8,623	2,446	15,240	59,613	1,300.00	751.95
219	Watford	1,022	426	5,790	12,435	300.00	.....
220	Welland	11,568	3,455	14,217	54,725	1,200.00	972.00
221	Weston	5,496	4,358	10,942	63,057	1,200.00	660.00
222	Whitby	4,236	1,209	6,472	28,660	500.00	.....
223	Windsor, Carnegie	103,567	26,376	97,237	529,038	2,625.00	28,060.54
224	Willistead						
225	John Richardson Br.						
226	Hugh Beaton Branch						
227	Sandwich Branch					Included	in figures of
228	Prince Edward Branch						
229	Victoria Ave. Branch						
230	J. E. Benson Branch						
231	Wingham	2,114	1,043	8,791	12,122	523.33	.....
232	Woodstock	11,578	3,740	23,701	88,556	1,056.00	1,545.25
	Totals	2,074,848	674,289	2,825,031	12,514,929	123,821.09	262,933.47

LIBRARIES

No.	Certificate of Librarianship		Municipal Appropriation	Municipal Appropriation per Capita	Legislative Grant Paid in 1941	Amount Expended on Books	Total Expenditure	Hours Library is Open per Week
	Librarian	Assistants	$ c.		$ c.	$ c.	$ c.	
173	.....	.....	3,500.00	.44	123.35	648.21	2,893.39	42
174	.....	.....	150.00	.17	80.13	98.77	266.39	2½
175	.....	.....	75.00	.09	41.86	52.72	215.65	6
176	.....	.....	400.00	.40	91.02	205.92	499.99	16
177	.....	.....	679.08	.73	134.79	318.34	916.63	17
178	.....	.....	600.00	.50	73.99	130.84	765.80	27½
179	.....	1	8,581.50	.50	209.00	2,144.12	9,736.21	66
180	.....	.....	1,000.00	.35	159.00	378.57	1,297.61	32
181	.....	.....	300.00	.43	51.83	169.16	514.79	12
182	1	.....	8,100.00	.25	209.00	2,859.39	8,858.04	39½
183	.....	.....	89.29	.15	50.52	111.58	165.96	4
184	.....	.....	400.00	.50	57.70	143.20	476.35	7
185	.....	.....	800.00	.14	75.85	324.95	946.86	10
186	.....	.....	275.00	.52	42.83	51.46	343.67	14
187	.....	.....	686.00	.58	134.20	208.52	2,189.94	20
188	.....	.....	654.75	.75	86.61	240.28	722.05	24
189	.....	.....	350.00	.43	96.89	174.73	575.54	22½
190	.....	.....	2,400.00	.48	123.67	294.29	2,563.17	27½
191	for	1940						
192	.....	.....	1,900.00	.41	143.95	573.51	2,474.58	28½
193	1	1	10,000.00	.35	204.00	3,009.21	10,745.30	50
194	1	138	475,741.00	.73	2,511 25	71,397.91	503,712.35	698
195								
196								
197								
198								
199								
200								
201								
202								
203								
204	Main	Library						
205								
206								
207								
208								
209								
210								
211								
212								
213	.....	.....	3,000.00	.39	154.00	1,054.25	3,610.11	25
214	.....	.....	500.00	.38	143.37	256.64	987.14	12
215	.....	.....	1,200.00	.45	136.45	549.13	1,982.06	29½
216	.....	.....	2,491.50	.52	151.08	580.55	3,105.12	51
217	.....	.....	647.00	.50	51.15	166.94	720.74	13
218	1	1	5,173.80	.60	209.00	1,198.85	5,080.78	30
219	.....	.....	599.97	.59	73.83	146.54	890.49	31
220	.....	1	5,692.00	.49	209.00	1,535.98	6,188.18	30
221	1	.....	3,000.00	.55	194.52	542.79	3,294.96	25
222	.....	.....	2,059.00	.49	134.25	1,021.83	2,443.27	32½
223	1	12	56,475.00	.55	1,019.45	11,980.44	59,560.15	223½
224								
225								
226								
227	Main	Library						
228								
229								
230								
231	.....	.....	1,000.00	.47	142.61	331.60	1,256.20	27½
232	.....	2	5,789.00	.50	209.00	1,814.56	6,533.86	61
	35	261	1,170,423.91	.....	29,812.88	248,883.11	1,289,043.56	.....



A corner of the Unit Library, A10 Advanced Infantry Training Centre, Camp Borden

One of the summer concerts of recorded music given by the London Public Library

ASSOCIATION PUBLIC LIBRARIES

Showing Statistics, 1940, and Legislative Grants Paid in 1941

No.	Library	Population	Borrowers	Volumes in Library	Circulation	Hours	Legislative Grant	Amount Expended on Books	Total Expenditure
							$ c.	$ c.	$ c.
1	Agincourt	500	134	4,661	4,610	3	96.84	162.06	327.30
2	Allenford	300	.....	962	317	.....	25.00	.....	18.32
3	Alliston	1,400	197	2,734	4,528	15	15.00	33.80	259.90
4	Alton	500	43	3,748	1,239	3	20.74	21.82	71.20
5	Alvinston	650	138	1,655	4,376	11½	36.45	.....	291.66
6	Apple Hill	400	65	1,457	1,321	2	30.55	35.64	57.09
7	Arkona	400	47	3,478	3,294	5	65.23	93.47	215.23
8	Athens	700	174	6,007	543	3	28.25	62.30	132.80
9	Atwood	500	58	978	809	84	17.45	16.37	95.27
10	Auburn	250	84	2,248	790	4	10.00	26.42	102.20
11	Badjeros			No Annual Report	for	1940			
12	Bala	400	105	1,214	769	10	29.61	37.37	138.82
13	Bancroft	1,050	192	4,892	13,215	4	119.00	255.79	397.84
14	Bayfield	350	97	1,842	2,136	72	18.17	16.18	102.84
15	Bayham	100	32	934	887	69	20.38	32.92	89.42
16	Baysville	380	47	1,865	1,575	2	33.07	65.22	102.26
17	Beachville	500	35	2,936	1,375	4	9.00	18.80	104.70
18	Beachwood	970	44	2,690	743	54	9.00	.....	39.53
19	Belmore	150	30	779	464	52	13.49	14.97	38.46
20	Belwood	200	24	3,624	424	14	.....	.....	90.49
21	Birch Cliff	3,328	108	3,054	6,246	2½	51.52	91.14	184.42
22	Blackwell	300	30	209	651	8	10.00	25.00	26.00
23	Blenheim	1,650	152	7,930	9,381	22	96.94	214.09	643.34
24	Blind River	2,350	172	2,977	4,730	4	61.46	94.92	135.87
25	Bloomfield	553	128	3,906	6,440	9½	92.19	178.48	391.41
26	Blyth	650	75	2,167	1,000	60	10.00	11.22	57.28
27	Bobcaygeon	1,013	170	2,999	8,356	10	125.96	169.84	377.78
28	Bolton	582	30	3,795	2,261	2½	10.00	.....	25.46
29	Bond Head	200	39	917	1,083	24	20.83	34.81	65.13
30	Bowmanville	4,000	310	9,198	14,745	33	145.65	288.49	841.29
31	Bradford	1,000	69	2,569	4,941	8	16.83	18.97	215.70
32	Brigden	500	203	774	1,964	6	20.75	21.53	100.97
33	Bronte	500	98	1,818	5,104	1	32.50	60.63	100.57
34	Brooklin	500	53	3,335	2,228	6	24.59	53.97	169.00
35	Brougham	200	32	1,590	1,163	72	9.00	.....	35.00
36	Brownsville	250	111	2,029	3,219	4½	30.99	21.52	139.21
37	Brucefield	300	26	2,041	415	19	.....	22.31	74.31
38	Burgessville	225	48	2,406	1,650	6	15.00	.....	139.93
39	Burlington	3,800	292	6,675	21,555	8	72.70	248.73	762.83
40	Byron	400	97	632	2,472	10½	32.87	39.70	139.99
41	Caledon	300	53	3,315	471	2	9.00	.....	37.28
42	Caledonia	1,500	91	1,839	5,592	3½	43.82	82.87	159.42
43	Callender	1,134	58	1,901	4,000	6	8.77	29.98	41.74
44	Cambray	2,700	30	3,445	911	13	21.06	27.94	82.97
45	Camden East	200	48	2,358	2,464	2	31.84	32.51	112.84
46	Canfield	700	.....	877	.....	.....	25.00	.....	.....
47	Cannington	810	93	4,364	6,245	15	46.44	31.75	172.22
48	Cargill			No Annual Report	for	1940			
49	Carlisle	.....	32	1,288	1,096	78	23.72	11.95	79.30
50	Castleton	500	31	773	629	2	10.00	27.00	54.44
51	Chapleau	2,200	152	2,888	7,378	6	46.28	80.74	261.34
52	Chatsworth	300	51	1,610	2,642	62	10.00	22.57	79.47
53	Cheapside	200	42	3,247	1,495	20	10.00	5.60	31.60
54	Chesterville	1,000	52	1,201	782	4	15.00	49.37	111.92
55	Claremont	455	49	3,689	2,280	12	53.00	76.01	149.55
56	Clarksburg	400	98	4,632	3,665	21	66.25	65.98	296.08
57	Clarkson	2,000	132	1,857	1,753	2	55.31	95.79	113.19
58	Claude	50	37	3,365	205	.....	6.57	10.99	11.64
59	Cobourg	5,616	289	6,803	20,139	20	79.38	284.01	1,024.82

ASSOCIATION PUBLIC LIBRARIES

No.	Library	Population	Borrowers	Volumes in Library	Circulation	Hours	Legislative Grant	Amount Expended on Books	Total Expenditure
							$ c.	$ c.	$ c.
60	Cochrane	3,000	83	7,736	6,754	6	106.24	175.40	216.65
61	Colborne	1,000	165	2,612	10,726	12	50.77	63.85	244.18
62	Coldstream	100	87	2,661	1,360	84	77.68	86.87	180.79
63	Coldwater	607	100	2,362	1,967	14	20.91	41.64	195.80
64	Comber	600	46	4,643	2,945	8	72.20	99.73	278.29
65	Coniston	2,400	94	1,905	5,098	6½	46.05	80.92	120.05
66	Cookstown			No Annual Report for 1940					
67	Copper Cliff	3,800	1,545	8,032	5,317	13	80.66	191.76	703.61
68	Corunna	550	70	15	3,900	68½	.....	.....	102.70
69	Cottam	300	203	2,899	2,655	10	45.64	78.19	168.60
70	Courtright	320	227	1,460	7,165	66	32.75	37.51	123.49
71	Creemore	661	51	2,569	2,472	7	10.00	.....	87.48
72	Deloro	300	108	888	3,453	1	47.15	109.92	114.45
73	Depot Harbour	350	46	3,472	1,605	1	38.39	59.40	136.47
74	Dorchester	500	89	2,499	2,550	84	24.26	22.52	216.96
75	Drumbo	500	52	5,092	1,473	13½	15.00	.....	128.10
76	Dundalk	650	72	2,671	2,171	63	28.79	25.60	132.10
77	Dungannon	500	65	3,199	4,564	60	54.18	112.83	169.49
78	Dunnville	4,102	268	9,265	12,725	20½	73.66	280.40	812.91
79	Dutton	800	155	5,598	9,342	14	71.89	159.45	498.16
80	Elk Lake	500	12	353	65	2	.....	14.79	19.17
81	Elmwood	250	97	2,769	1,863	6	27.15	20.36	131.27
82	Embro	450	74	4,401	2,350	6	26.96	33.46	155.55
83	Emo	1,160	37	1,504	1,144	17	26.45	49.60	92.66
84	Englehart	1,200	51	1,310	2,836	2	12.53	7.58	75.77
85	Ennotville	600	57	4,701	739	2	33.69	45.31	114.37
86	Espanola	1,400	115	5,205	1,080	2	9.00	.....	12.50
87	Ethel			Re-organized in 1941					
88	Fenwick	800	87	2,988	2,957	8	17.12	88.23	116.10
89	Flinton	250	30	32	25	54	10.00	42.71	42.71
90	Fordwich	500	66	1,015	2,456	8	10.00	.....	12.06
91	Foresters Falls	500	37	2,507	535	63	10.00	14.00	71.59
92	Frankford	1,000	203	3,666	5,891	8	103.95	127.20	372.90
93	Fulton	800	32	668	519	78	16.49	15.17	21.60
94	Glamis	100	32	1,078	474	8	10.00	.....	37.58
95	Glanworth	500	78	2,515	2,899	7	34.38	34.84	115.94
96	Glen Allen	700	32	1,249	2,495	54	11.75	10.29	39.03
97	Glen Morris	200	59	3,342	949	72	26.48	24.11	358.29
98	Goodwood	350	47	1,029	979	2	20.78	60.51	89.10
99	Gore's Landing	200	70	2,483	470	1½	48.59	69.18	69.43
100	Gorrie			No Annual Report for 1940					
101	Grafton	200	54	2,888	2,865	7	36.39	78.21	149.23
102	Granton	450	65	1,718	3,497	72	28.72	34.91	106.96
103	Haliburton	900	41	2,673	2,673	4	10.00	.....	59.02
104	Harrietsville	85	51	3,203	1,395	60	15.00	.....	60.16
105	Harrington	100	38	2,857	1,390	54	31.17	49.36	90.81
106	Harrow	1,032	114	4,034	4,349	10	60.41	144.83	429.16
107	Harrowsmith	300	31	1,197	1,963	2	17.45	25.00	74.59
108	Havelock	1,300	58	578	1,120	4	10.00	37.44	37.94
109	Hawkesbury	6,050	52	1,159	4,669	12	99.24	161.30	234.60
110	Hepworth	300	34	949	447	11½	10.00	.....	66.70
111	Hickson	250	189	1,944	2,883	6	53.33	83.73	165.53
112	Highgate	350	113	2,875	8,038	21	102.92	238.37	445.26
113	Highland Creek	972	45	1,472	542	1½	5.00	6.62	11.62
114	Hillsdale			No Annual Report for 1940					
115	Hilton Beach	390	117	2,292	2,595	6	30.46	64.45	318.83

ASSOCIATION PUBLIC LIBRARIES

No.	Library	Population	Borrowers	Volumes in Library	Circulation	Hours	Legislative Grant	Amount Expended on Books	Total Expenditure
							$ c.	$ c.	$ c.
116	Holstein	300	24	2,196	1,075	84	.....	.....	50.17
117	Honeywood	100	78	1,441	211	84	29.53	45.67	72.42
118	Humber Bay	2,250	114	3,000	1,943	2	25.58	38.96	57.25
119	Huntsville	3,006	156	4,075	6,566	12	48.39	136.11	493.83
120	Hyde Park	200	42	183	1,676	35	20.32	20.64	51.03
121	Hyndford	400	73	2,152	2,564	19	45.27	24.89	118.63
122	Ilderton	500	49	2,197	4,401	14	58.10	116.02	212.96
123	Inglewood	450	58	1,827	1,002	2	20.12	47.81	67.81
124	Inwood	205	92	1,749	2,071	11	14.00	.....	107.76
125	Iroquois	1,180	53	3,110	1,635	5	32.23	49.57	169.69
126	Iroquois Falls	1,349	158	5,977	6,059	7½	103.50	346.13	786.07
127	Ivanhoe	550	30	911	950	72	27.11	18.40	68.49
128	Jarvis	570	87	4,489	2,174	7	14.65	48.10	151.10
129	Kars			No Annual Report for 1940					
130	Kearney	310	60	1,135	2,850	2	10.00	.....	29.58
131	Kemble	275	42	2,106	1,358	3	15.00	24.85	106.92
132	Kimberley	375	56	693	613	3	6.75	.....	16.56
133	Kinsale	100	45	1,257	861	2½	24.99	67.52	82.75
134	Kintore	300	59	3,174	3,411	74	100.72	130.84	247.67
135	Kirkfield	200	106	2,218	2,133	19	44.29	86.76	86.88
136	Kirkland Lake	27,000	1,528	6,694	51,175	59½	196.80	1,714.30	5,499.37
137	Kirkton	180	128	2,190	3,300	27	51.22	74.14	268.26
138	Komoka	200	18	1,919	426	72	.....	30.00	103.18
139	Lakeside	3,000	33	2,124	5,013	84	42.32	69.04	130.23
140	Lambeth	500	61	2,530	8,051	8	65.52	82.09	309.08
141	Lefroy	2,950	30	2,029	944	4	10.00	.....	42.60
142	Linwood	500	62	1,008	2,318	5½	27.59	31.90	85.62
143	Londesborough	150	37	648	1,699	72	24.91	53.99	99.64
144	Lorne Park	1,000	68	2,125	2,006	3	18.54	27.17	57.67
145	Lucan	612	105	2,344	3,521	7½	41.94	46.50	265.41
146	Madoc	1,050	155	4,863	10,039	8½	41.75	50.00	296.65
147	Mandaumin	400	32	2,455	975	3½	62.41	70.68	205.45
148	Manilla	200	112	7,052	2,124	19	40.38	90.63	412.77
149	Manitowaning	280	143	472	882	63	17.61	32.54	36.92
150	Manotick	1,000	32	2,134	1,766	4	9.00	12.00	42.50
151	Markham	1,100	103	4,267	4,110	6	67.88	171.95	394.25
152	Marmora	1,013	78	4,418	11,895	12	107.14	213.63	629.97
153	Martintown			No Annual Report for 1940					
154	Maxville	760	21	1,494	762	4	.....	6.00	30.87
155	Melbourne	200	56	1,645	1,717	8	39.91	51.85	155.71
156	Mildmay			No Annual Report for 1940					
157	Millbank			No Annual Report for 1940					
158	Milligrove	175	18	1,429	1,187	2	.....	17.81	21.29
159	Mindeu	350	33	2,377	477	2	9.00	1.60	51.90
160	Monkton	400	32	1,821	1,250	6	10.00	.....	63.54
161	MonoRoad	105	45	534	1,899	4	14.02	36.61	70.61
162	Moorefield	260	33	959	978	69½	10.00	20.25	64.54
163	Morrisburg	1,840	153	4,939	6,227	8	115.37	246.86	574.26
164	Morriston	200	50	2,587	931	60	64.95	111.90	159.58
165	Mount Albert	350	58	2,681	5,547	10½	24.86	29.20	155.94
166	Mount Brydges	550	39	1,421	464	4	22.48	49.92	81.67
167	Mount Elgin	140	40	1,381	1,755	4	20.12	34.89	121.79
168	Nanticoke			No Annual Report for 1940					
169	Napanee	3,416	284	8,720	20,211	28	137.53	395.80	1,653.39
170	Napier	150	22	1,016	850	90	.....	12.25	26.05
171	Newburg	430	50	2,688	1,750	4	18.18	35.00	90.26

ASSOCIATION PUBLIC LIBRARIES

No.	Library	Population	Borrowers	Volumes in Library	Circulation	Hours	Legislative Grant	Amount Expended on Books	Total Expenditure
							$ c.	$ c.	$ c.
172	Newbury	275	53	1,770	2,373	5	36.20	52.40	98.13
173	New Dundee	350	76	1,743	4,053	64	30.28	26.16	103.96
174	Newington	235	46	3,009	2,184	2	39.14	47.78	151.87
175	New Lowell	200	39	1,164	1,628	4	9.00	.85	66.99
176	Norland	476	169	3,768	1,969	76	10.00	18.00	52.50
177	North Gower	350	44	1,693	1,278	24	35.45	37.36	123.49
178	Odessa	700	34	1,668	1,420	73	24.87	.....	116.63
179	Omemee	700	53	2,055	2,689	6	72.83	30.23	195.26
180	Orono	500	62	2,850	3,841	9½	16.32	55.14	92.67
181	Osgoode	800	47	1,548	3,607	2	14.32	43.27	58.05
182	Palermo			No Annual Report for 1940					
183	Parkhead	150	34	1,263	841	75	13.62	19.25	63.65
184	Pickering	600	133	2,733	2,862	11	54.75	59.29	218.13
185	Pinkerton	.....	30	2,110	540	4	10.00	.....	44.60
186	Plattsville	500	135	1,120	1,244	21	14.00	.....	136.75
187	Plympton	340	22	1,768	3,909	4	19.77	26.43	102.69
188	Point Edward	1,200	75	4,546	4,223	4	22.85	32.98	119.52
189	Port Burwell	700	73	319	2,267	63	30.36	49.93	189.58
190	Port Credit	1,500	300	6,165	5,982	5	43.59	152.72	279.33
191	Port Dalhousie			No Annual Report for 1940					
192	Port Dover	1,600	227	4,580	8,415	27	113.80	213.34	767.42
193	Port Lambton	1,000	47	899	2,345	72	24.00	35.58	110.66
194	Port Stanley	750	166	3,668	5,687	8½	49.72	68.53	388.63
195	Powassan	700	63	1,768	1,874	7	34.21	45.29	175.58
196	Princeton	350	58	2,781	3,480	8½	70.63	107.62	338.20
197	Queensville	300	32	2,193	1,079	4	10.00	.....	45.35
198	Rebecca	165	41	987	2,450	84	37.33	104.65	137.63
199	Ridgetown	1,981	202	5,507	8,788	12	154.00	313.15	727.90
200	Ridgeway	1,000	296	3,980	4,990	7	77.73	169.49	426.40
201	Riverside	5,200	717	952	5,080	8	116.52	411.00	786.04
202	Rockland			No Annual Report for 1940					
203	Rodney	758	181	2,653	4,632	8	48.24	68.48	188.41
204	Romney	1,456	100	2,985	3,547	78	49.26	70.35	111.17
205	Rossdale	150	33	1,834	2,662	14	10.00	.....	33.40
206	St. George	600	74	7,625	1,525	66	21.63	17.67	100.22
207	St. Helens	195	38	2,841	490	2½	17.53	20.40	50.51
208	Scarborough	500	32	7,468	1,121	4 BM	47.64	109.17	121.09
209	Schomberg	390	30	859	1,386	2	10.50	22.34	71.41
210	Scotland	400	71	2,688	1,529	8	15.89	24.22	53.37
211	Shedden	400	54	3,697	685	6	21.49	28.25	137.75
212	Sheguiandah	200	30	995	494	72	5.53	2.85	14.69
213	Shetland			No Annual Report for 1940					
214	Singhampton	401	30	520	336	78	5.00	8.35	25.35
215	Smithville	600	81	2,347	1,458	10	15.48	10.72	121.69
216	Solina	300	35	1,209	442	6	9.13	17.76	21.62
217	Sombra	400	33	1,539	1,040	7	27.57	25.15	113.78
218	Southampton	1,455	243	8,510	3,646	6	59.60	196.33	348.60
219	South Mountain	250	35	1,087	2,822	78	10.00	.....	49.15
220	South Woodslee	250	150	1,502	2,216	6	34.27	49.24	122.73
221	Sparta	250	35	1,399	2,200	78	30.01	35.49	115.46
222	Sprucedale	300	45	761	1,131	1	17.49	37.48	62.56
223	Stevensville	400	21	1,785	309	4	.....	.....	144.78
224	Strathcona	260	74	2,451	920	2	35.27	40.55	56.26
225	Stratton	123	32	1,175	1,060	2½	10.00	23.74	56.06
226	Sunderland	438	50	2,507	1,515	4	15.65	41.37	101.75
227	Sydenham	650	83	3,231	3,305	12	53.71	77.77	286.16

ASSOCIATION PUBLIC LIBRARIES

No.	Library	Population	Borrowers	Volumes in Library	Circulation	Hours	Legislative Grant	Amount Expended on Books	Total Expenditure
							$ c.	$ c.	$ c.
228	Thamesford	500	80	2,013	6,186	6	69.30	137.95	309.36
229	Thedford	500	99	2,539	5,867	11	23.74	65.56	178.48
230	Thessalon	1,489	53	1,143	3,376	6	26.51	19.63	146.00
231	Thornbury	800	97	3,301	5,183	16	50.88	96.76	472.16
232	Thorndale	300	33	2,298	1,076	6½	15.00	.....	89.40
233	Thornhill	700	80	1,335	2,413	4½	62.31	114.27	152.82
234	Thornton	250	40	423	668	8	12.62	7.24	57.36
235	Tiverton	250	70	5,542	3,983	4	10.76	67.38	110.88
236	Tottenham	557	97	3,156	2,858	25	14.21	9.80	164.24
237	Tweed	1,250	120	4,048	3,302	5½	28.13	69.00	368.43
238	Underwood	300	40	2,373	2,416	70	11.84	12.16	58.01
239	Unionville	600	89	3,022	3,714	2	52.27	106.23	203.32
240	Vankleek Hill	1,515	63	1,545	2,298	9	57.23	109.15	224.02
241	Varna	500	34	1,649	677	14	30.07	47.75	100.27
242	Victoria	.....	32	3,730	590	2	10.00	25.51	72.68
243	Victoria Road			No Annual Report for 1940					
244	Vittoria	250	254	1,372	5,030	78	98.35	150.35	220.62
245	Wardsville	222	36	2,823	3,539	6	40.96	63.69	160.54
246	Warkworth	500	86	2,895	4,068	8	14.00	19.69	117.42
247	Waterdown	940	57	2,209	1,308	6	28.98	58.33	112.50
248	Wellburn	260	49	731	822	4	31.58	45.93	65.29
249	Wellesley	500	42	3,054	1,777	3½	27.73	50.39	153.34
250	Wellington	900	115	3,784	6,288	11½	49.35	150.88	521.61
251	West Lorne	800	63	2,726	2,294	9	61.96	100.18	255.16
252	White Lake	90	30	1,005	598	36	5.00	14.96	24.80
253	Whitevale	250	36	1,863	1,120	3	39.31	50.37	88.07
254	Wiarton	1,750	137	4,545	3,541	25½	64.94	80.74	376.69
255	Williamstown			No Annual Report for 1940					
256	Winchester	1,017	51	2,979	3,881	9	15.00	.....	200.06
257	Woodbridge	900	76	3,679	4,344	1½	24.72	50.30	62.22
258	Woodville	425	65	2,475	1,439	15	24.09	38.89	219.25
259	Wroxeter	495	41	6,733	1,437	3½	21.76	60.65	132.90
260	Wyoming	554	310	3,534	10,032	58	119.00	204.13	371.68
261	Zephyr	575	32	2,145	628	2½	9.00	19.95	59.33
	County Library Associations								
262	Elgin	.....	.....	1,101	9,823	.....	420.00	379.21	483.30
263	Essex	.....	.....	350	.....	.....	220.00	284.28	287.28
264	Huron	.....	.....	.....	.....	.....	70.00	.....	.....
265	Lambton	.....	.....	6,173	42,561	.....	750.00	863.20	1,847.75
266	Middlesex	.....	.....	4,125	36,151	....	750.00	952.25	1,889.26
267	Oxford	.....	.....	898	7,660	.....	170.00	401.27	416.35
268	Simcoe	.....	.....	568	6,080	.....	350.00	812.05	920.36
269	Howick Township	.....	.....	1,020	.....	.....	28.38	123.64	130.62
270	Small Libraries Institute O.L.A.	.....	.....	.....	.....	.....	50.00	.....	.....
	Totals	214,013	23,284	663,442	893,489	.....	11,592.22	20,568.70	54,579.90

APPENDIX K

REPORT OF THE PROVINCIAL SUPERVISOR OF MUSIC

During 1941, Music has continued to spread throughout the schools of the Province. Statistics attached to this Report show that on June 30th, 12,327 or 71.8% of the Public and Separate School classrooms were receiving regular Music instruction under the supervision of qualified teachers. This represents a slight increase over last year. In the remainder of the schools, although not under the direction of qualified Music teachers, some singing is carried on. Three hundred and twenty-one Collegiate Institutes, High Schools and Continuation Schools provided a course in Music, an increase of 29 over last year. In addition, 13 Vocational Schools, not included in the above summary, are teaching Music.

Eight Music Films from the Departmental Library of 16 mm. sound films were presented to 47,538 children and 6,172 adults. Approximately 120 Music Festivals and Combined Concerts were held in 1941. During the year the following literature was prepared and distributed to Music teachers—

Training the Voices of Children and Adolescents.

Introducing Part Singing with Adolescent Boys.

The Department gave active support to the Ontario Educational Association in presenting a Concert at Varsity Arena on the Wednesday of Easter week. More than 1,500 children from over 100 schools in Ontario performed for an audience of 6,000 and the net proceeds, $850.00, were used for War Charities.

Statistics.—The following statistical information concerns the school year ending June 30th, 1941, and includes all schools providing a course in Music under properly certificated Music teachers.

City Inspectorates	Total Number of Rooms	With Music 1940-41
Brantford	101	101
Chatham	56	56
Hamilton	511	511
Kitchener	99	99
London	219	219
Ottawa	280	280
Peterborough	74	74
St. Catharines	88	40
Sarnia	59	59
Toronto	1,884	1,884
Welland	52	52
Windsor	303	303
Totals	3,726	3,678

	1940-41	1939-40	1938-39	1937-38	1936-37	1935-36
Percentage of rooms with Music	98.7	100	100	97.7	95	95

County Inspectorates	Total Number of Rooms	With Music 1940-1941
Brant and Norfolk	110	72
Bruce East, etc.	100	88
Bruce West	111	109
Carleton	175	102
Dufferin	101	91
Dundas	97	52
Durham (in part), Oshawa	153	152
Elgin and St. Thomas	209	179
Essex No. 1	134	66
Essex No. 2	94	81
Frontenac North, etc.	75	34
Frontenac South No. 1	90	64
Frontenac South No. 2 and Kingston	104	93
Glengarry (in part), etc.	87	80
Grey East	111	89
Grey North, etc., and Owen Sound	123	113
Grey South	113	69
Haldimand	113	108
Halton	123	108
Hastings Centre	103	67
Hastings North	95	39
Hastings South and Belleville	121	114
Huron East	106	98
Huron West	116	108
Kent	204	180
Lambton No. 1	109	84
Lambton No. 2	109	94
Lanark	179	100
Leeds and Grenville No. 1	91	63
Leeds and Grenville No. 2	104	78
Leeds and Grenville No. 3	94	87
Lennox and Hastings South	83	57
Lincoln (in part)	120	110
Middlesex East, etc.	115	103
Middlesex West	121	95
Norfolk (in part)	123	102
Northumberland and Durham No. 1	116	110
Northumberland and Durham No. 2	113	110
Ontario North, etc.	101	65
Ontario South	102	83
Oxford North and Woodstock	111	103
Oxford South, etc.	115	113
Peel	148	132
Perth North, etc.	110	107
Perth South and Stratford	113	110
Peterborough East	86	50
Peterborough West, etc.	93	74
Prescott and Russell No. 1	61	29
Prescott and Russell No. 2	1	.....
Prescott and Russell No. 3	17	.....
Prescott and Russell No. 4	14	.....
Prince Edward	94	58
Renfrew North	117	36
Renfrew South	109	21
Simcoe Centre	113	102
Simcoe East, etc.	122	90
Simcoe North	29	.....
Simcoe South, etc.	95	86
Simcoe West, etc.	89	89
Stormont	114	58
Victoria West	82	57
Waterloo No. 1	115	83
Waterloo No. 2 and Galt	118	93
Welland East and Niagara Falls	127	106
Welland South	134	123
Welland (in part), etc.	89	80
Wellington North	112	81

County Inspectorates—*Continued*	Total Number of Rooms	With Music 1940-1941
Wellington South and Guelph	125	118
Wentworth	141	126
York No. 1	133	55
York No. 2	171	129
York No. 3	160	128
York No. 4	168	126
York No. 5	188	172
York No. 6	175	161
Totals	8,437	6,584

	1940-41	1939-40	1938-39	1937-38	1936-37	1935-36
Percentage of rooms with Music	78	77.4	73	64.7	51.5	40

District Inspectorates	Total Number of Rooms	With Music 1940-1941
Division I	111	39
" II	105	45
" III and Fort William	140	91
" IV and Port Arthur	152	72
" V and Sault Ste. Marie	129	110
" VI	120	53
" VII (1) and Sudbury	148	121
" VII (2)	9	.....
" VII (3)	28	.....
" VIII	83	69
" IX (1)	69	32
" IX (2)	2	.....
" X (1)	134	114
" X (2)	1	.....
" XI	118	66
" XII	99	31
" XIII (1)	115	57
" XIII (2)	21	.....
" XIV	104	50
" XV	93	33
" XVI	86	68
" XVII	81	33
Totals	1,948	1,027

	1940-41	1939-40	1938-39	1937-38	1936-37	1935-36
Percentage of rooms with Music	52.7	52	45	41.7	28.6	21

Separate School Inspectorates	Total Number of Rooms	With Music 1940-1941
Division I	102	53
" II	98	2
" III	76	.....
" IV	110	.....
" V	103	16
" VI	145	37
" VII	112	28
" VIII	163	66
" IX	116	35

Separate School Inspectorates—*Continued*	Total Number of Rooms	With Music 1940-1941
Division X	104	39
" XI	147	112
" XII	165	104
" XIII	154	130
" XIV	142	50
" XV	188	106
" XVI	173	71
" XVII	125	111
" XVIII	114	64
" XIX	149	58
" XX	153	.....
" XXI	135	.....
" XXII	112	.....
" XXIII	98	.....
" XXIV	107	6
Totals	3,091	1,088

	1940-41	1939-40	1938-39	1937-38	1936-37	1935-36
Percentage of rooms with Music	35	27.7	26.3	21	30	24

	Total Number of Rooms	With Music 1940-1941
Grand Totals	17,202	12,377

	1940-41	1939-40	1938-39	1937-38	1936-37	1935-36
Percentage of rooms with Music	71.8	71	68	62.2	55.5	48.2

Secondary Schools	Total Number of Rooms	With Music 1940-1941
Collegiate Institutes	72	67
High Schools	158	120
Continuation Schools	203	134
Totals	433	321

	1940-41	1939-40	1938-39	1937-38
Percentage of Schools with Music	74	68	60	28

Respectfully submitted,

G. R. Fenwick,
Provincial Supervisor of Music.

Toronto, March 2nd, 1942.

APPENDIX L

REPORT OF THE REGISTRAR OF TRADE SCHOOLS

To the Honourable Dr. Duncan McArthur,
Minister of Education, Province of Ontario.

Dear Sir:

I beg leave to present to you the report of the operations of the Trade-Schools Regulation Act for the year 1941.

The continuance of the war, with its consequent increasing demands on the labour market, its ever increasing absorption of young men and women into various branches of military service, and its restrictions on the purchase of materials which are being conserved for war purposes, is, in many cases, curtailing the operation of trade schools. The consequent reduction in registration does not apply so markedly to schools conducting work by correspondence. In many cases these schools find the applications increasing, as such work may proceed whether the person is employed in industry or is serving in some military capacity. Many of the young men in the services are looking forward to the time when hostilities cease and they return to civil life. By taking advantage, as time affords, to improve their standing by means of various correspondence engineering courses, they hope to be in a better position to re-enter civilian life. Military organizations are encouraging such procedure and some of the trade schools are offering special reduced rates to such applicants and report increased registrations. Schools giving courses which are not deemed essential to the promotion of the war effort are experiencing difficulties in maintaining an adequate registration to ensure the continuance of operations. Some such schools have had to withdraw from the field during the year.

The advice of this Department continues to be extensively sought for vocational guidance, both by direct conference and by correspondence, regarding suitable courses in which to register and opportunities available upon the completion of such courses. Information is also sought as to the reliability of schools with which they are contemplating registration. Appreciation has been expressed regarding the value of these services.

The promotion, by specialized schools, of new courses based on changed conditions resulting from war restrictions, similar to that which has had to be curbed in the past, is now in evidence. Such types of promotion work are not allowed to reach the proportions which existed previous to the passing of the Trade Schools Regulation Act. From time to time such courses will have to be added, by Order in Council, to those now coming under the Act. Some of these new courses have no operations involved which differ from courses now in existence. The difference is simply one of name, and material used, rather than one of new instruction matter.

Some of the Trade Schools are rendering an important service in assisting the war effort. Thousands have been trained to enter war industries and war services without any cost to the government whatsoever. The presence of women taking such courses is a new experience and is working out very satisfactorily. Women have proved their ability to fit into occupations which previously were confined to men. Large numbers of women are being trained in sponsored classes such as those for wireless radio operators to be placed in air transport position.

This Department was recently successful in arranging for the continuation of the courses of instruction being given to students by one Radio School, which desired to suspend operations. Arrangements were made with another Radio School which was willing to enroll the students affected, in its existing classes without any interference with the obligations assumed by these students through their original contracts.

A close check is made of all advertising material of the schools before it is permitted to be published. In this way it is possible to avoid misrepresentation to those interested in taking the courses advertised. In this factor of control we have had the fullest co-operation of the press and the publishers.

Where the enlistment of young men and women in the armed forces interferes with the continuity or continuance of courses of instruction for which they have registered, the schools concerned are ready and willing to make suitable adjustment.

Valuable assistance has been given to the Foreign Exchange Control Board in settling problems arising out of applications to permit courses to be taken in schools situated in the United States and elsewhere. Where similar courses can be obtained in Canada such requests are refused.

Assistance is also given to other government departments which may be concerned with Trade Schools, to other Provinces and States to assist them in organizing similar control to that operating in Ontario and to Better Business Bureaus from various centres in Canada and the United States which seek information regarding cases requiring investigation or adjustment. The Toronto Better Business Bureau refers all such cases of complaint to this Department for settlement.

We are pleased to report the fullest co-operation of the management of practically all registered trade schools in maintaining the high ethical standard which the Trade Schools Regulation Act was intended to develop. It is also noted that the public are freely seeking information and guidance and showing appreciation of the services rendered.

W. S. Kirkland,
Registrar for Trade Schools.

Toronto, October 5th, 1942.

PART II

STATISTICS

of

The Provincially-Controlled Schools of Ontario

TERMINOLOGY

Assessment—The valuation placed upon property for tax levy purposes. The County Council generally makes an equalization annually of local assessment figures, and this equalized figure is used in the computation of Legislative grants to schools.

Attendance Efficiency—The percentage relation of the actual days attended to the perfect aggregate.

Auxiliary Classes—These are provided for gifted, socially or educationally maladjusted, retarded, or physically-handicapped pupils.

Capital Charges—Debenture instalments, or sinking fund deposits, made on debt incurred for school buildings and equipment.

Compulsory School Age—Children 8 to 14 must attend full time; children from 5 to 8, if enrolled, must attend full time to the end of the school term for which they are enrolled. Adolescents, 14 to 16, who have not attained University matriculation standing must attend full time; those exempted on the plea of circumstances compelling them to go to work must attend part time (400 hours a year) in municipalities where part-time courses are provided. Urban municipalities with a population of 5,000 and over, are required to provide part-time courses.

Consolidated School—An amalgamation of two or more rural schools, or of rural schools with a village or town school, either for the purpose of strengthening the means of school support where the original schools were small or poor, or for the purpose of providing a graded school and other advantages, such as conveyance, instead of the original one-room school.

Correspondence Courses—Reach those more isolated than the school car pupils. They supplement the work of the regular school when remoteness, winter weather, ill-health, or physical disability prevent regular attendance. Twenty-five hundred is an approximate year's enrolment for these courses, which reach from Grade I to X, and are sets of carefully prepared lessons based on the new Course of Studies. A Departmental staff handles this correspondence with extreme promptness, and a pupil's progress depends entirely upon his own efforts. About 80% of these pupils live in Northern Ontario, and half of them are of foreign parentage. These courses are entirely free.

Cost per Pupil-Day—The cost of educating one pupil of actual attendance, for one day. It is found by dividing the total cost of education of the group of pupils concerned by the actual aggregate attendance of this group for the period under consideration.

County Pupil—A secondary school pupil living within the County but outside any secondary school district.

District—The eleven defined areas of Northern Ontario which do not constitute municipal units for any purpose. With the exception of Parry Sound and Muskoka, these areas lie north of the French River and Lake Nipissing. This region is newer and more sparsely populated than Southern Ontario, and produces most of Ontario's extensive mineral and forest wealth.

Enrolment—The number recorded on the school register as in active attendance. The school census for the Province is now taken annually on the last school day in May.

Fifth Classes—Grades IX and X in Elementary Schools, doing work similar to the first two grades of Secondary Schools. The majority of these classes are in rural areas.

Free School Age—The Public Elementary Schools are free to all resident pupils between the ages of 5 and 21 whose parents are public school supporters. The Separate Schools are free to the children of the separate school supporters. The Secondary Schools are free to all except non-resident pupils.

General Maintenance—Ordinary, current expense, as opposed to capital outlays and debenture charges.

Inspectorate—The area under the supervision of a local Departmental representative.

Kindergarten Primary—A class combining the work of the kindergarten and Grade I.

Non-Resident Pupil—A secondary school pupil who is neither a resident nor a County pupil.

Public School Section—Is a subdivision of a township for elementary school purposes, containing a minimum of 50 children between the ages of 5 and 21, and having a maximum area of four square miles.

Resident Pupil—A secondary school pupil living within the secondary school district.

School—Provincially controlled schools may be classified as:

I. **Elementary**—Those doing the work of the first eight grades. A few have Fifth Classes (see above).

(a) **Public**—The first school established in any school section or urban municipality, and supported by the ratepayers.

(b) **R.C. Separate**—For the children of Roman Catholics.

(c) **Protestant Separate**—For the children of Protestants in centres preponderantly Roman Catholic.

II. **Secondary**—Those doing the work of Grades IX to University Matriculation.

(a) **Academic:**

1. **Collegiate Institutes.**
2. **High Schools.**
3. **Continuation Schools.**

These schools are differentiated by minimum staff requirements. Continuation Schools are located mostly in villages or rural areas. Academic Courses are designed to lead to Universities and Teacher-Training Schools.

(b) **Vocational:**

1. **Technical High School.**
2. **Commercial High School.**

In the smaller centres academic and vocational departments are frequently found in the one building, which is then called a composite school. Vocational courses are designed to lead to industry, trade and commerce.

School Car—A school on wheels, carrying education and social betterment to small communities scattered along the railway lines of Northern Ontario. There are 7 of these cars at present, each with a definite route of about 175 miles, which is covered in a month or six weeks. Each stop is from 4 to 6 days. Problems are solved, work is outlined and assigned. Parents come to night classes, where English, spelling, writing and arithmetic are taught them, and where daily problems of life are discussed. Ninety per cent of the pupils are non-English speaking. The Department supplies all school needs free. The enrolment is about 275.

School Year—The school year consists of two terms, September 1 to December 22, and January 3 to June 30. In addition to the intervals between these terms there is a vacation of one week following Easter. In this Report statistics cover the school year where possible. Financial data remains on the calendar year basis.

Secondary School District—Is the area over which the secondary school board exercises supervision. Each city and separated town is a secondary school district. The County Council may establish a secondary school district composed of an urban municipality only, a group of school sections only, or a combination of both. In the territorial districts of Northern Ontario any municipal council or councils may establish the whole or any part of the municipality or municipalities as a secondary school district, with the approval of the Minister of Education.

STATISTICS OF THE PROVINCIALLY-CONTROLLED SCHOOLS OF ONTARIO

SUMMARY FOR 1940

Financial data for calendar year 1940; other data for school year 1940-41.

	ELEMENTARY		SECONDARY			SENIOR AUXILIARY	TOTALS
	Public	Separate	Continuation	High†	Vocational		
DAY SCHOOLS:							
Number	6,214	827	203	158	59	5	7,466
Pupils—May Enrolment, 1941	433,597	100,317	9,241	67,391	31,803	1,279	643,628
Average Attendance for the school year	385,718	92,908	9,002	65,707	28,039	1,092	582,466
Attendance Efficiency Percentage for school year	91.0	92.7	92.3	93.5	92.1	86.3	92.0
Teachers—Number	14,224	3,118	587	2,855	1,684	67	21,996*
Male	3,033	343	292	1,567	1,107	35	6,053*
Female	11,191	2,775	295	1,288	577	32	15,943*
Percentage Male	21.3	11.0	49.7	54.9	65.7	52.2	27.5
Percentage Female	78.7	89.0	50.3	45.1	34.3	47.8	72.5
University Graduates—Per cent	5.6	3.1	60.5	92.5	72.4	25.4	21.5
Totals Costs:							
(a) Teachers' Salaries	$17,919,822	$2,505,396	$654,240	$5,632,654	$3,653,378	$172,824	$30,538,314
(b) Other Current Cost	6,437,980	1,147,246	230,128	1,472,736	1,177,032	74,989	10,540,111
Total Current Cost	$24,357,802	$3,652,642	$884,368	$7,105,390	$4,830,410	$247,813	$41,078,425
(c) Capital Charges	3,886,194	662,843	156,333	1,796,527	1,295,321	22,838	7,820,056
Total	$28,243,996	$4,315,485	$1,040,701	$8,901,917	$6,125,731	$270,651	$48,898,481
Legislative Grants	$3,655,340	$1,079,300	$209,360	$933,007	$1,058,804	$38,207	$6,974,018
Net Municipal Operating Cost	$24,588,656	$3,236,185	$831,341	$7,968,910	$5,066,927	$232,444	$41,924,463
Teacher Salary Percentage of Total Current Cost	73.6	68.6	74.0	79.3	75.6	69.7	74.3
Capital Outlays	$710,489	$184,308	$29,442	$80,703	$211,682	.....	$1,216,624
Fifth Classes:							
Schools conducting Fifth Class work	1,005	197	.....	.....	.....	.....	1,202
Enrolment in these Fifth Classes	5,223	4,140	.....	.....	.....	.....	9,363
Classes qualifying for Legislative Grant	343	110	.....	.....	.....	.....	453
Enrolment in these Qualifying Classes	2,363	1,148	.....	.....	.....	.....	3,511
Grading of Qualifying Classes—A	84	71	.....	.....	.....	.....	155
B	113	22	.....	.....	.....	.....	135
C	146	17	.....	.....	.....	.....	163
Legislative Grants	$50,224	$17,242	.....	.....	.....	.....	$67,466
NIGHT SCHOOLS:							
Number	20	.....	.....	8	47	.....	75
Student Enrolment	814	.....	.....	1,318	31,848	.....	33,980
Number of Teachers	18	.....	.....	71	1,038	.....	1,127
Teachers' Salaries	$2,904	.....	.....	$11,648	$224,690	.....	$239,242
Total Disbursements	N.R.	.....	.....	$16,889	$296,080	.....	$312,969

N.R.—No record. * Excluding duplications. †Includes Collegiate Institutes.

EDUCATION COSTS

AVERAGE COSTS, PER PUPIL-DAY 1940, AND COMPARISON WITH 1939

A—Elementary Schools

Type	Sub-Division	Gross Cost per Pupil-Day (in cents)						Legislative Share	
		Current		Capital		Total			
		1940	1939	1940	1939	1940	1939	1940	1939
Public	All Rural	28.2	28.7	2.5	2.5	30.7	31.2	8.6	8.4
	Low Attendance	61.1	56.8	.....	.....	61.1	56.8	16.6	16.2
	Ordinary Size	27.9	28.6	1.4	1.4	29.3	30.0	8.2	8.0
	Consolidated	33.8	45.0	4.2	7.1	38.0	52.1	14.6	17.7
	Large Suburban and Semi-Urban	29.4	29.0	7.0	6.9	36.4	35.9	9.8	9.7
	All Urban	33.0	33.7	6.6	6.6	39.6	40.3	2.0	2.2
	Town	24.6	25.0	4.1	4.3	28.7	29.3	2.9	3.3
	City	37.7	37.6	7.9	7.7	45.6	45.3	1.4	1.5
	All Public	31.0	31.7	5.0	5.0	36.0	36.7	4.7	4.7
R. C. Separate	All Rural	21.5	22.7	2.6	2.5	24.1	25.2	11.2	10.6
	All Urban	19.6	19.1	4.0	4.4	23.6	23.5	4.3	4.4
	Town	19.8	19.1	4.0	2.3	23.8	22.3	6.4	6.7
	City	19.5	19.1	4.0	5.0	23.5	24.1	3.2	3.3
	All Separate	20.1	19.9	3.6	4.0	23.7	23.9	5.9	5.8

B—Secondary Schools

Continuation	All	48.8	47.5	8.6	8.7	57.4	56.2	11.6	13.3
High Schools and Collegiate Institutes	High	49.8	49.0	11.3	11.2	61.1	60.2	11.6	11.6
	Collegiate	55.7	55.8	14.9	13.1	70.6	68.9	4.2	3.7
	All	53.5	53.3	13.5	12.4	67.0	65.7	7.0	6.7
†Vocational	*Purely Technical	87.4	85.5	18.2	21.0	105.6	106.5	13.4	19.9
	*Purely Commercial	68.7	62.3	15.8	15.4	84.5	77.7	10.3	10.8
	*Combined Commercial and Technical	78.5	65.5	23.6	18.2	102.1	83.7	20.1	16.2
	‡All	76.8	68.3	20.6	18.5	97.4	86.8	16.8	17.5

C—Special Schools

Senior Auxiliary	.....	102.7	102.1	9.5	9.2	112.2	111.3	15.8	17.7

*Only purely vocational schools included.
†Cost increases due mainly to drop in attendance caused by war conditions.
‡Includes both pure vocational and the vocational portion of composite schools.

DISTRIBUTION OF PUPILS IN ONTARIO PROVINCIALLY-CONTROLLED SCHOOLS, MAY,* 1941

A—STANDARD GRADE PUPILS

		Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs	19 and over	Totals by Sexes	Totals	Average Age	Percentage of Group A
KINDERGARTEN	Boys	35	3,673	2,796	131	11	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,650			
	Girls	71	3,549	2,643	77	9	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,350	13,000	5.6	**2.0**
KINDERGARTEN-PRIMARY	Boys	1	878	2,061	1,060	149	21	3	1	1	.....	.....	.....	.....	.....	.....	.....	4,175			
	Girls	.....	805	1,935	1,011	88	15	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,857	8,032	6.6	**1.3**
GRADE I	Boys	12	1,316	15,392	16,646	4,921	1,222	404	159	63	32	10	5	1	1	.....	.....	40,184			
	Girls	21	1,247	15,273	14,757	3,426	787	252	88	38	23	4	3	.....	.....	.....	.....	35,919	76,103	7.2	**12.0**
GRADE II	Boys	.....	2	435	10,105	15,491	6,034	2,055	635	278	96	28	9	2	1	.....	.....	35,181			
	Girls	.....	4	586	11,175	13,892	4,114	1,036	292	128	37	18	2	3	.....	.....	.....	31,287	66,468	8.5	**10.5**
GRADE III	Boys	.....	.....	4	570	8,583	13,265	6,318	2,345	895	329	124	32	4	1	.....	.....	32,470			
	Girls	.....	.....	21	779	10,053	12,481	4,275	1,393	396	173	49	13	2	.....	.....	.....	29,635	62,105	9.6	**9.8**
GRADE IV	Boys	.....	.....	.....	25	1,301	8,543	12,266	6,249	2,533	1,098	356	92	17	1	.....	.....	32,481			
	Girls	.....	.....	.....	34	1,728	10,247	11,821	4,419	1,482	552	144	50	8	1	1	.....	30,487	62,968	10.5	**9.9**
GRADE V	Boys	.....	.....	.....	.....	49	1,845	8,863	11,017	6,186	2,865	1,027	272	36	5	.....	.....	32,165			
	Girls	.....	.....	.....	.....	95	2,399	10,276	10,565	4,783	1,800	648	177	29	3	1	2	30,778	62,943	11.5	**9.9**
GRADE VI	Boys	.....	.....	.....	.....	.....	80	2,287	8,072	8,824	6,440	4,005	727	102	14	4	2	30,557			
	Girls	.....	.....	.....	.....	.....	145	3,322	9,595	8,546	4,043	1,472	412	71	6	1	.....	27,613	58,170	12.4	**9.2**
GRADE VII	Boys	.....	.....	.....	.....	.....	8	127	2,984	8,358	7,865	4,635	1,837	243	31	3	1	26,092			
	Girls	.....	.....	.....	.....	.....	5	224	4,239	9,506	7,197	3,536	1,277	179	22	.....	.....	26,185	52,277	13.2	**8.2**
GRADE VIII	Boys	.....	.....	.....	.....	.....	.....	9	226	3,881	9,531	8,126	4,712	1,146	145	22	5	27,803			
	Girls	.....	.....	.....	.....	.....	.....	9	305	5,243	11,521	7,979	3,925	871	125	16	4	29,998	57,801	14.0	**9.1**
GRADE IX	Boys	.....	.....	.....	.....	.....	.....	.....	19	344	3,407	7,030	5,438	2,462	610	102	23	19,435			
	Girls	.....	.....	.....	.....	.....	.....	.....	24	469	4,689	8,428	5,578	2,076	406	49	8	21,727	41,162	14.8	**6.5**
GRADE X	Boys	.....	.....	.....	.....	.....	.....	.....	.....	22	291	2,713	5,362	3,714	1,458	365	98	14,023	.....		
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	20	491	3,987	6,844	4,063	1,457	275	82	17,219	31,242	15.7	**4.9**
GRADE XI	Boys	.....	.....	.....	.....	.....	.....	.....	.....	1	14	259	1,945	3,406	1,998	792	308	8,723	.....		
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	2	19	406	2,977	4,493	2,311	809	293	11,310	20,033	16.7	**3.2**
GRADE XII	Boys	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	207	1,399	2,218	1,397	731	5,964			
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17	364	2,218	3,224	1,750	789	8,362	14,326	17.6	**2.3**
GRADE XIII	Boys	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14	158	932	1,436	1,278	3,818			
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	25	291	1,436	1,711	1,148	4,613	8,431	18.4	**1.2**
TOTALS BY SEXES	Boys	48	5,869	20,688	28,537	30,505	31,021	32,333	31,707	31,386	31,968	28,335	20,652	12,690	7,415	4,121	2,446	319,721			
	Girls	92	5,605	20,458	27,833	29,291	30,193	31,219	30,920	30,613	30,545	26,690	21,647	14,304	8,991	4,613	2,326	315,340			
TOTALS—GROUP A		**140**	**11,474**	**41,146**	**56,370**	**59,796**	**61,214**	**63,552**	**62,627**	**61,999**	**62,513**	**55,025**	**42,299**	**26,994**	**16,406**	**8,734**	**4,772**	.....	**635,061**		
PERCENTAGES		(.02)	**1.8**	**6.7**	**8.9**	**9.2**	**9.6**	**10.0**	**9.9**	**9.8**	**9.8**	**8.7**	**6.7**	**4.2**	**2.6**	**1.4**	**.7**				

*Last school day in May.

B—PRE-VOCATIONAL AND SPECIAL VOCATIONAL PUPILS

		Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 and over	Totals by Sexes	Grade Totals
PRE-VOCATIONAL	Boys	.....	.....	.....	.....	.....	.....	.....	.....	4	34	92	181	123	25	3	9	471	657
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	1	8	49	70	47	10	1	.....	186	
SPECIAL VOCATIONAL	Boys	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	16	44	84	79	133	357	
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	3	16	59	153	229	317	778	1,135
TOTALS—GROUP B		.....	.....	.....	.....	.....	.....	.....	.....	5	43	145	283	273	272	312	459		1,792

C—JUNIOR AND SENIOR AUXILIARY CLASSES

JUNIOR	Boys	.....	.....	5	36	116	215	330	414	504	488	494	439	78	13	3	3	3,138	
	Girls	.....	.....	2	12	52	109	168	230	255	242	192	123	40	8	1	3	1,437	4,575
SENIOR	Boys	.....	.....	.....	.....	.....	.....	.....	.....	8	162	221	214	21	12	6	4	648	
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	41	67	219	245	39	15	5	.....	631	1,279
TOTALS—GROUP C		.....	.....	7	48	168	324	498	644	808	959	1,126	1,021	178	48	15	10	.....	5,851

SUMMARY

Boys	48	5,869	20,693	28,573	30,621	31,236	32,663	32,121	31,902	32,652	29,143	21,502	12,956	7,549	4,212	2,595	324,335	.....
Girls	92	5,605	20,460	27,845	29,343	30,302	31,387	31,150	30,910	30,863	27,153	22,101	14,489	9,177	4,849	2,646	318,372	.....
GRAND TOTALS	**140**	**11,474**	**41,153**	**56,418**	**59,964**	**61,538**	**64,050**	**63,271**	**62,812**	**63,515**	**56,296**	**43,603**	**27,445**	**16,726**	**9,061**	**5,241**	**642,707**	.....
PERCENTAGES	**(.02)**	**1.6**	**6.4**	**8.8**	**9.3**	**9.6**	**10.0**	**9.8**	**9.8**	**9.9**	**8.8**	**6.8**	**4.3**	**2.6**	**1.4**	**.8**	.....	.....

In addition, there were 882 part-time Vocational pupils, unclassified,

PUPIL MOVEMENT

I. Admissions, Transfers, Exemptions, Retirements, During the School Year 1940-41

A—ELEMENTARY SCHOOLS

	Public Schools			Separate Schools			Grand Total
	Rural	Urban	Total	Rural	Urban	Total	
1. Admissions: (a) Beginners	19,899	30,341	50,240	3,008	9,723	12,731	62,971
(b) From outside the Province	1,147	4,189	5,336	181	794	975	6,311
Totals	21,046	34,530	55,576	3,189	10,517	13,706	69,282
2. Transfers: (a) To another school section	18,511	19,593	38,104	1,592	3,353	4,945	43,049
(b) To another school within the same section or municipality	1,078	7,442	8,520	114	2,199	2,313	10,833
(c) To special industrial, craft school, or auxiliary class	548	1,099	1,647	46	79	125	1,752
Totals	20,137	28,134	48,271	1,752	5,631	7,383	55,654
3. Exemptions: Pupils who, during the year, were exempt from attendance at any school, on the grounds of:							
(a) Private tuition	47	44	91	4	15	19	110
(b) Taking Departmental correspondence courses	378	21	399	11	10	21	420
(c) Mental disability	226	113	339	16	39	55	394
(d) Physical disability—							
(i) Blind	23	8	31	4	9	13	44
(ii) Deaf	13	5	18	2	10	12	30
(iii) Crippled	117	66	183	13	41	54	237
(e) Distance from school	127	12	139	23	2	25	164
(f) Other reasons	279	105	384	53	53	106	490
Totals	1,210	374	1,584	126	179	305	1,889
4. Retirements	10,212	9,388	19,600	1,932	4,270	6,202	25,802

B—SECONDARY SCHOOLS

	Continuation Schools		Collegiate Institutes and High Schools		Vocational Schools		Grand Total	
	Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.
1. Admissions: (a) from publicly-controlled elementary schools	3,303	98.5	19,976	97.7	10,921	96.1	34,200	97.3
(b) from private schools	11	.3	113	.5	183	1.6	307	.8
(c) from other sources	40	1.2	360	1.8	259	2.3	659	1.9
Totals	3,354		20,449		11,363		35,166	
2. Transfers: to another secondary school in another municipality	246	.....	1,607	.....	586	.....	2,439	.....
3. Retirements: (excluding Middle and Upper School Graduates) during the year from:								
(a) Grade IX	412	4.5	2,459	3.6	2,633	8.2	5,504	5.1
(b) Grade X	349	3.8	2,090	3.1	2,917	9.2	5,356	4.9
(c) Grade XI	271	2.9	1,855	2.8	2,463	7.7	4,589	4.2
(d) Grade XII	191	2.0	1,268	1.9	2,337	7.3	3,796	3.5
(e) Grade XIII	44	.5	926	1.4	348	1.1	1,318	1.2
(f) Special	.....	.....	.....	.....	936	2.9	936	.9
Totals	1,267	13.7	8,598	12.7	11,634	36.6	21,499	19.8

Per cent. under Retirements in the Secondary schools, is based on the May enrolment of that type of school.

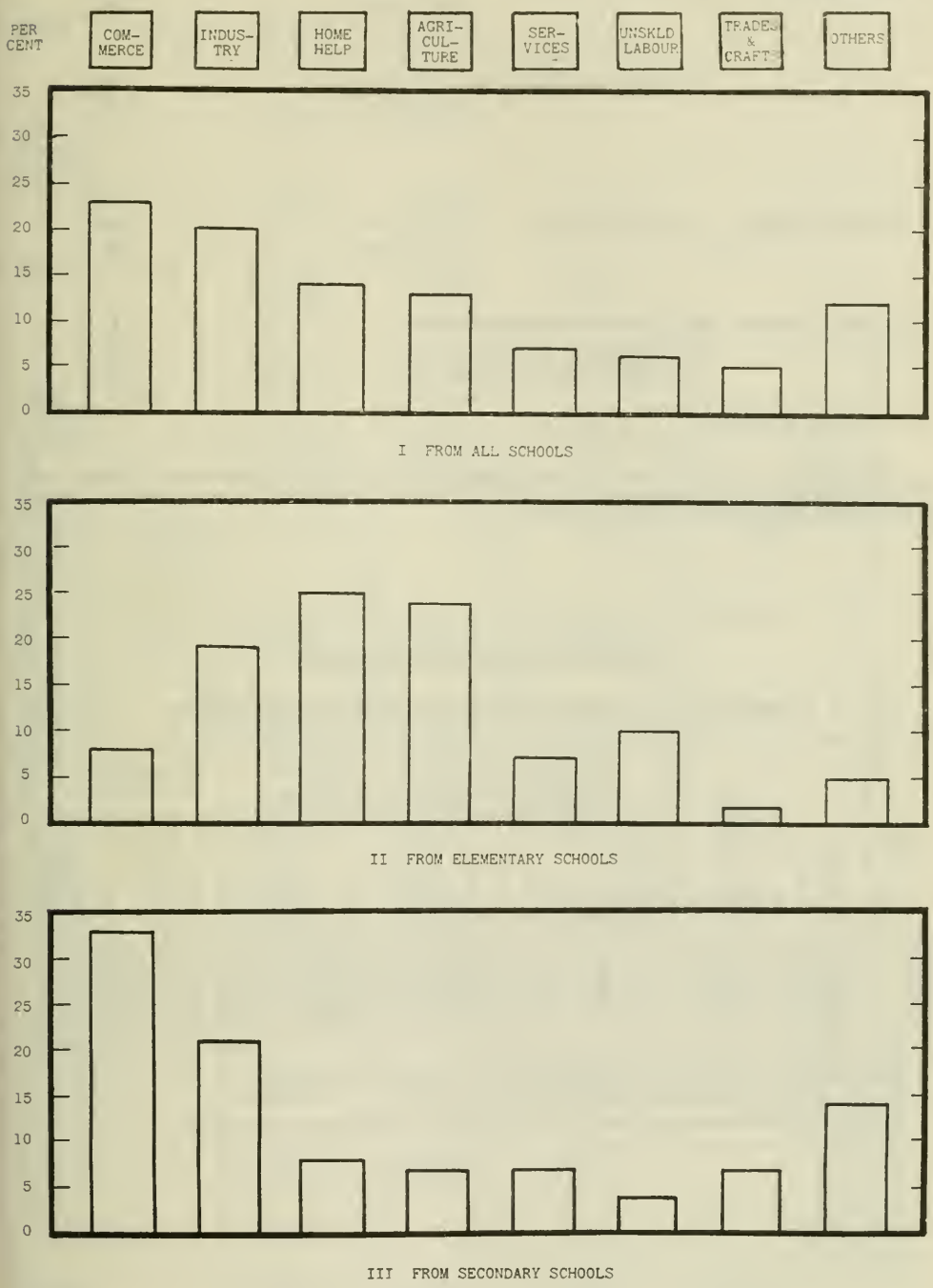
II—DESTINATIONS AND OCCUPATIONS OF EX-PUPILS

Those who left during or at the end of the school year 1940-41 as reported in December 1941

	ELEMENTARY SCHOOLS								SECONDARY SCHOOLS								Total Leaving Student Life	
	Inspectorates entirely, or almost entirely Cities		All Other Urban Municipalities		Rural Areas		Total for Elementary Schools		Continuation Schools		High Schools and Collegiate Institutes		Vocational Schools		Total for Secondary Schools			
	Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.
TO FURTHER TRAINING																		
1. Private Elementary Schools	326	1.9	150	1.1	130	1.3	606	1.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2. Provincial Secondary Schools	15,659	91.3	12,732	92.5	9,850	94.9	38,241	92.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3. Private Secondary Schools	950	5.5	787	5.7	259	2.5	1,996	4.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4. Private Technical Training School	62	.4	12	.1	56	.5	130	.3	33	5.4	159	3.2	124	12.6	316	4.7	.....	.....
5. Business College	159	.9	79	.6	84	.8	322	.8	256	41.2	1,555	30.6	655	66.8	2,466	36.9	.....	.....
6. University	.....	.....	.....	.....	.....	.....	.....	.....	138	22.2	1,985	39.0	144	14.7	2,267	33.9	.....	.....
7. Normal School	.....	.....	.....	.....	.....	.....	.....	.....	91	14.6	707	13.9	25	2.6	823	12.3	.....	.....
8. Nurses' Training School	.....	.....	.....	.....	.....	.....	.....	.....	103	16.6	679	13.3	32	3.3	814	12.2	.....	.....
Total to Further Training	**17,156**	**69.9**	**13,760**	**66.1**	**10,379**	**47.1**	**41,295**	**61.3**	**621**	**20.4**	**5,085**	**22.6**	**980**	**4.6**	**6,686**	**14.3**	.....	.....
EMPLOYMENT																		
1. Agriculture	136	2.6	406	8.1	4,192	42.6	4,734	23.5	466	21.4	1,464	10.1	401	2.5	2,331	7.1	7,065	13.3
2. Commerce and Finance	865	16.4	387	7.7	247	2.5	1,499	7.5	316	14.5	3,885	26.8	6,371	39.2	10,572	32.1	12,071	22.8
3. Industry	1,651	31.3	1,412	28.2	710	7.3	3,773	18.8	338	15.5	3,040	21.0	3,546	21.8	6,924	21.0	10,697	20.2
4. Trades and Crafts	179	3.4	189	3.8	84	.9	452	2.2	88	4.0	609	4.2	1,627	10.0	2,324	7.0	2,776	5.2
5. Transportation and Communication	150	2.8	145	2.9	123	1.3	418	2.1	80	3.7	629	4.3	455	2.8	1,164	3.5	1,582	3.0
6. Mining and Quarrying	.....	.....	20	.5	33	.4	53	.3	4	.2	66	.5	42	.4	112	.6	165	.3
7. Fishing, Trapping, Lumbering and Logging	6	.11	76	1.5	209	2.1	291	1.5	13	.6	32	.2	3	*	48	.3	339	.6
8. Services: (a) Personal	334	6.3	429	8.6	486	4.9	1,249	6.2	144	6.6	485	3.3	380	2.3	1,009	3.0	2,258	4.2
(b) Public	110	2.1	48	1.0	54	.5	212	1.0	47	2.2	521	3.6	414	2.6	982	3.0	1,194	2.2
(c) Professional	.....	.....	.....	.....	.....	.....	.....	.....	4	.2	177	1.2	116	.7	297	.9	297	.6
(d) Home Help (Girls)	840	15.9	1,121	22.4	2,974	30.2	4,935	24.5	388	17.8	1,259	8.7	825	5.1	2,472	7.5	7,407	14.0
9. Unskilled Labour	717	13.6	641	12.8	561	5.7	1,919	9.5	97	4.4	518	3.6	652	4.0	1,267	3.8	3,186	6.0
10. Clerical—not classifiable above	19	.4	25	.5	9	.1	53	.3	16	.7	213	1.5	347	2.1	576	1.7	629	1.2
11. On His Majesty's Service	2	.09	.....	.....	.....	.....	2	*	101	4.6	1,285	8.9	471	2.9	1,857	5.6	1,859	3.5
12. Others, employed but not classifiable above	264	5.0	100	2.0	151	1.5	515	2.6	79	3.6	311	2.1	584	3.6	974	2.9	1,489	2.9
Total Employed	**5,273**	**21.5**	**4,999**	**24.0**	**9,833**	**44.6**	**20,105**	**29.8**	**2,181**	**71.5**	**14,494**	**64.6**	**16,234**	**76.6**	**32,909**	**70.4**	**53,014**	**80.2**
UNEMPLOYED	238	1.0	191	.9	374	1.7	803	1.2	62	2.0	487	2.2	662	3.1	1,211	2.5	2,014	3.0
MARRIAGE (Girls)	38	.2	31	.2	39	.2	108	.1	32	1.0	158	.7	61	.3	251	.5	359	.6
DEATH OR DISABILITY	347	1.3	292	1.4	304	1.4	943	1.4	18	.6	220	1.0	234	1.1	472	1.0	1,415	2.1
TO INSTITUTIONS	70	.3	126	.6	76	.3	272	.4	4	.1	22	.1	25	.2	51	.4	323	.5
LEFT THE PROVINCE	987	4.0	1,181	5.7	662	3.0	2,830	4.2	23	.8	227	1.0	80	.4	330	.7	3,160	4.8
OTHERS, known but not classifiable above	27	.1	50	.2	171	.8	248	.4	25	.8	181	.8	494	2.3	700	1.5	948	1.4
UNKNOWN	409	1.7	192	.9	193	.9	794	1.2	85	2.8	1,576	7.0	2,417	11.4	4,078	8.7	4,872	7.4
Total leaving Student Life in Ontario	**7,389**	**30.1**	**7,062**	**33.9**	**11,652**	**52.9**	**26,103**	**38.7**	**2,430**	**79.6**	**17,365**	**77.4**	**20,207**	**95.4**	**40,002**	**85.7**	**66,105**	**100.0**
GRAND TOTALS	**24,545**	.....	**20,822**	.....	**22,031**	.....	**67,398**	.....	**3,051**	.....	**22,450**	.....	**21,187**	.....	**46,688**	.....	.....	.....

A Of all pupils leaving student life from Elementary Schools, 57% left without obtaining High School Entrance standing.
* Percentage less than one-tenth of one per cent.
Main classes are expressed as a percentage of Grand Total; subdivisions as a percentage of the class to which they belong.

OCCUPATIONS OF EX-PUPILS WHO ENTERED EMPLOYMENT
1940-41



Graph 1.

NUMBER OF SCHOOL BOARDS IN THE PROVINCE, JUNE 1942

1. Public Schools:	(a) Trustee Boards:	(i) Rural	5,332		
		(ii) Urban	211		5,543
	(b) Boards of Education:	(i) Municipal	92		
		(ii) Union	19		111
					5,654
2. Separate Schools:	(a) Trustee Boards:	(i) Rural	503		
		(ii) Urban	127		630
3. Secondary Schools:	(a) Continuation School Boards			15	
	(b) High School Boards			83	
	(c) Collegiate Institute Boards			17	
					*115
Total for Province					6,399

*In addition, 185 Public and Separate School Boards administer Continuation Schools, and the 111 Boards of Education administer High Schools or Collegiate Institutes, making a total of 411 boards controlling secondary schools.

COMPARATIVE STATISTICS

I. PROVINCIAL POPULATION AND SCHOOL ENROLMENT

Year	Provincial Population A	Day Enrolment in Provincially Controlled Schools B	Percentage of Population in Day Schools	Day School Enrolment Classified as between		Compulsory Age Enrolment		Adolescent Age Enrolment		Adolescent Age Exemptions			
				Elementary	Secondary	Number	Percentage of whole	Number	Percentage of whole	By Home Permit	By Employment Certificate	Total	Percentage of Recorded Adolescents C
1930....	3,141,633	661,748	21.1	84.7	15.3	451,404	68.2	83,821	12.7	1,369	3,151	4,520	5.1
1935....	3,321,618	679,392	20.5	83.3	16.7	490,898	72.3	102,446	15.0	1,683	2,045	3,728	3.5
1938....	3,394,228	672,696	19.8	82.8	17.2	481,233	71.5	100,839	15.0	1,730	1,907	3,637	3.5
1939....	3,438,898	679,345	19.8	82.1	17.9	492,455	72.5	105,903	15.6	1,389	2,146	3,535D	3.3
1940 ...	3,442,135	664,373	19.3	81.8	18.2	482,094	72.6	103,509	15.6	1,885	4,871	6,756	6.5
1941....	3,509,995	643,628	18.3	83.0	17.0	475,049	73.8	99,899	15.5	2,938	9,416	12,354	11.0

A As supplied by Department of Municipal Affairs.

B School enrolment recorded for one particular day—the last school day in May.

C Based on May enrolled Adolescents plus exemptions.

D In addition, 1318 Employment Certificates were issued to children under 14 years of age.

II. SCHOOLS, PUPILS, TEACHERS
ELEMENTARY SCHOOLS

Year	Legal Teaching Days A	Schools: Number in Operation: Total	Schools: Number in Operation: Rural	Schools: Number in Operation: Urban	Pupils: Enrolment B: Total	Pupils: Enrolment B: Rural	Pupils: Enrolment B: Urban	Pupils: Average Daily Attendance C	Pupils: Attendance Efficiency Percentage	Teachers: Number: Total	Teachers: Number: Male	Teachers: Number: Female	Teachers: Certificates: First Class	Teachers: Certificates: Special D	Teachers: Certificates: Second Class and Lower E	Teachers: Experience: Average Length in Years
ELEMENTARY SCHOOLS																
1919–20..	199	6,541	5,682	859	544,972	226,444	338,528	362,399	.....	13,869	1,506	12,363	1,303	555	12,011	.....
1924–25..	197	6,797	5,821	976	613,996	239,570	374,426	442,642	.....	15,733	2,051	13,682	1,810	617	13,306	.....
1929–30..	197	6,979	5,991	988	560,446	211,172	349,274	478,950	.....	17,062	2,512	14,550	3,713	419	12,930	9.6
1934–35..	197	7,049	6,050	999	565,777	210,879	354,898	503,815	90.8	17,335	3,316	14,019	6,082	533	10,720	11.1
1939–40..	198	7,120	6,106	1,014	543,323	206,719	336,604	491,855	91.9	17,527	3,929	13,598	9,473	956	7,098	11.5
1940–41..	195	7,123	6,098	1,025	533,914	202,597	331,317	478,626	91.3	17,347	3,849	13,498	9,997	1,070	6,424	11.1
PUBLIC SCHOOLS																
1919–20..	.....	5,947	5,328	619	488,091	207,674	280,417	310,029	.....	12,153	1,397	10,756	1,230	545	10,378	8.5
1924–25..	.....	6,081	5,401	680	518,696	217,221	301,475	371,694	.....	13,545	1,899	11,646	1,673	609	11,263	9.3
1929–30..	.....	6,218	5,535	683	468,521	190,556	277,965	397,108	.....	14,494	2,239	12,165	3,487	409	10,598	9.6
1934–35..	.....	6,270	5,580	690	464,186	187,702	276,484	411,481	90.4	14,518	3,049	11,469	5,593	508	8,417	11.2
1939–40.	.....	6,309	5,607	713	441,143	182,570	258,573	397,196	91.6	14,426	3,654	10,862	8,505	901	5,020	11.6
1940–41..	.....	6,315	5,602	713	433,597	178,893	254,704	385,718	91.0	14,231	3,476	10,755	8,902	1,015	4,461	11.2
ROMAN CATHOLIC SEPARATE SCHOOLS																
1919–20..	.....	594	354	240	76,881	18,770	58,111	52,370	.....	1,716	109	1,607	73	10	1,633	.....
1924–25..	.....	716	420	296	95,300	22,349	72,951	70,948	.....	2,188	152	2,036	137	8	2,043	.....
1929–30..	.....	761	456	305	91,925	20,616	71,309	81,842	.....	2,568	183	2,385	226	10	2,332	9.5
1934–35..	.....	779	470	309	101,591	23,177	78,414	92,334	92.8	2,817	267	2,550	489	25	2,303	10.5
1939–40..	.....	811	499	312	102,180	24,149	78,031	94,659	93.1	3,101	365	2,736	968	55	2,078	11.4
1940–41..	.....	808	496	312	100,317	23,704	76,613	92,908	92.7	3,116	373	2,743	1,095	55	1,963	11.0
PROTESTANT SEPARATE SCHOOLS F																
1919–20..	.....	6	3	3	464	75	389	314	.....	12	1	11	1	.....	11	.....
1924–25..	.....	5	2	3	407	57	350	298	.....	11	1	10	.....	.....	11	.....
1929–30..	.....	5	2	3	348	45	303	228	.....	10	.....	10	1	.....	9	.....
1934–35..	.....	5	2	3	253	46	207	213	86.5	9	1	8	6	.....	2	14.4
1939–40..	.....	4	2	2	226	46	180	186	90.3	8	2	6	4	1	3	12.1
1940–41..	.....	4	2	2	212	44	168	161	90.8	8	1	7	2	1	5	12.1

A In all Provincially-Controlled Schools.
B Commencing with 1929-30 the enrolment is that of the last school day in May. The former figures, covering the entire calendar year, contain a percentage of duplication.
C Covers the school year.
D This includes the following: Manual Training, Household Science, Auxiliary, Kindergarten, Art, Music, Physical Culture.
E This includes Third Class, District, Permanent Ungraded, and Temporary.
F Included with Public Schools.

SECONDARY SCHOOLS

Year	Schools: Number in Operation	Pupils: Enrolment	Pupils: Average Daily Attendance	Pupils: Attendance Efficiency Percentage	Pupils: Grade Distribution: IX and X	Pupils: Grade Distribution: XI and XII	Pupils: Grade Distribution: XIII	Teachers: Number: Total	Teachers: Number: Male	Teachers: Number: Female	Teachers: Certificates: Graduates	Teachers: Certificates: Percentage	Teachers: Certificates: Specialists	Teachers: Certificates: Percentage	Teachers: Experience: Average length of Secondary School Experience in Years
ALL SECONDARY SCHOOLS															
1919-20	313	42,952	33,542	.....	70.5	26.0	3.5	1,589	762	827	921	58.0	602	37.8	.....
1924-25	390	77,870	62,871	.....	62.1	27.3	10.6	2,451	1,148	1,303	1,556	63.5	1,429	58.5	.....
1929-30	436	97,270	81,477	.....	63.4	24.3	12.3	3,390	1,618	1,772	2,428	71.6	1,911	60.4	.....
1934-35	454	113,519	105,524	92.7	57.7	30.6	11.7	4,062	2,174	1,888	3,247	79.9	25,73	63.3	.....
1939-40	453	121,050	115,838	93.4	57.5	32.8	9.7	4,580	2,636	1,944	3,752	81.9	3,147	68.7	.....
1940-41	456	109,714	103,840	92.6	61.0	31.3	7.7	4,605	2,645	1,960	3,813	82.8	3,133	68.0	10.7
DAY SCHOOLS — **COLLEGIATE INSTITUTES AND HIGH SCHOOLS**															
1919-20	167	33,036	26,816	.....	70.7	24.7	4.6	1,168	574	594	854	73.1	583	72.1	.....
1924-25	183	52,116	44,836	.....	61.0	31.0	8.0	1,657	779	878	1,367	82.5	1,199	72.3	.....
1929-30	205	57,475	52,496	.....	60.9	30.4	8.7	2,047	919	1,128	1,838	89.8	1,522	74.4	.....
1934-35	212	67,395	64,369	93.5	53.4	34.3	12.3	2,361	1,171	1,190	2,235	94.7	1,850	78.4	10.1
1939-40	228	73,102	70,944	94.6	54.0	35.3	10.7	2,762	1,505	1,257	2,587	93.7	2,213	80.1	10.1
1940-41	230	67,391	65,707	93.5	54.7	34.3	11.0	2,855	1,567	1,288	2,642	92.5	2,232	78.2	11.1
CONTINUATION SCHOOLS															
1919-20	137	5,126	3,955	.....	77.9	22.1	.....	244	63	181	67	27.4	19	23.4	.....
1924-25	198	10,545	8,772	.....	65.9	33.9	.2	396	112	284	48	12.1	65	16.4	.....
1929-30	214	9,368	8,349	.....	66.9	32.3	.8	455	167	288	53	11.6	36	7.9	.....
1934-35	219	10,852	10,347	93.3	58.3	36.5	5.2	482	227	255	222	44.2	97	19.3	5.1
1939-40	202	10,048	9,764	91.4	59.8	36.4	3.8	569	297	272	338	59.4	203	35.7	5.7
1940-41	203	9,241	9,002	92.3	59.8	35.4	4.8	587	292	295	355	60.5	210	35.8	5.6
VOCATIONAL AND SENIOR AUXILIARY SCHOOLS															
1919-20	12	4,790	2,771	.....	.....	.....	.....	177	.....	.....	.....	.....	.....	.....	.....
1924-25	27	15,209	9,263	.....	83.3	16.7	.....	462	304	158	265	57.4	220	47.6	.....
1929-30	54	30,427	20,632	.....	83.5	16.5	.....	1,033	619	414	663	64.2	484	46.9	.....
1934-35	65	35,272	30,808	91.4	73.3	25.0	1.7	1,482	911	571	987	66.6	811	54.7	.....
1939-40	64	37,900	35,130	93.9	68.6	29.3	2.1	1,761	1,152	609	1,260	71.5	1,144	65.0	10.6
1940-41	64	33,082	29,131	92.0	71.3	26.5	2.2	1,751	1,142	609	1,267	72.4	1,145	65.4	11.3
EVENING SCHOOLS — **VOCATIONAL SCHOOLS**															
1919-20	49	26,527	.....	.....	.....	.....	.....	845	.....	.....	.....	.....	.....	.....	.....
1924-25	52	35,675	.....	.....	.....	.....	.....	1,182	714	468	.....	.....	.....	.....	.....
1929-30	67	44,431	.....	.....	.....	.....	.....	1,486	954	532	.....	.....	.....	.....	.....
1934-35	29	23,803	.....	.....	.....	.....	.....	745	501	244	.....	.....	.....	.....	.....
1939-40	52	34,983	.....	.....	.....	.....	.....	1,081	773	308	.....	.....	.....	.....	.....
1940-41	47	31,848	.....	.....	.....	.....	.....	1,038	768	270	.....	.....	.....	.....	.....
HIGH SCHOOLS															
1919-20	24	5,042	.....	.....	.....	.....	.....	166	.....	.....	.....	.....	.....	.....	.....
1924-25	24	2,130	.....	.....	.....	.....	.....	64	.....	.....	.....	.....	.....	.....	.....
1929-30	23	3,563	.....	.....	.....	.....	.....	158	.....	.....	.....	.....	.....	.....	.....
1934-35	10	2,888	.....	.....	.....	.....	.....	108	.....	.....	.....	.....	.....	.....	.....
1939-40	10	1,836	.....	.....	.....	.....	.....	74	.....	.....	.....	.....	.....	.....	.....
1940-41	8	1,318	.....	.....	.....	.....	.....	71	.....	.....	.....	.....	.....	.....	.....

III. TEACHERS' SALARIES

ELEMENTARY SCHOOLS

Year	Male						Female						Aggregate Salaries†
	Highest	Average					Highest	Average					
		Province	City	Town	Urban	Rural		Province	City	Town	Urban	Rural	
PUBLIC SCHOOLS													
1920.....	3,500	1,575	2,150	1,674	1,964	1,059	2,975	1,000	1,262	941	1,146	868	$12,056,057
1925.....	3,600	1,645	2,294	1,797	2,101	1,148	3,500	1,142	1,443	1,082	1,318	970	16,898,259
1930.....	4,500	1,705	2,304	1,815	2,109	1,208	3,625	1,175	1,501	1,121	1,365	1,008	18,461,628
1935.....	5,000	1,376	2,180	1,390	1,922	848*	3,700	1,035	1,531	951	1,348	710*	16,586,817
1940–41...	5,000	1,482	2,295	1,401	1,980	888*	3,800	1,109	1,631	1,008	1,412	760*	17,919,822‡
1941–42...	5,000	1,623	2,337	1,500	2,043	981*	3,800	1,130	1,603	1,041	1,407	823*	.....
ROMAN CATHOLIC SCHOOLS													
1920.....	2,000	1,027	1,155	575	1,055	841	1,250	637	668	517	614	694	$1,013,981
1925.....	2,000	911	955	772	914	899	1,800	719	698	652	685	806	1,670,852
1930.....	2,300	963	947	1,024	961	970	2,200	787	750	723	747	883	2,041,344
1935.....	2,300	843	879	940	891	738	1,800	716	677	742	701	764	2,124,920
1940–41...	2,500	971	1003	1070	1020	890	1,800	758	735	766	748	786	2,505,396‡
1941–42...	2,500	1,004	1,013	1,087	1,031	951	1,800	770	736	772	751	820	.....

SECONDARY SCHOOLS

Year	Highest			Average					Aggregate Salaries
	Principal	Male Assistant	Female Assistant	Principal	Male Assistant	Female Assistant	All Assistants	All Teachers	
COLLEGIATE INSTITUTES AND HIGH SCHOOLS									
1919–20.....	4,400	3,375	3,125	2,213	2,181	1,465	1,763	1,828	$2,269,387
1924–25.....	5,000	4,000	3,400	3,020	2,573	2,073	2,278	2,360	3,986,032
1929–30.....	5,000	4,500	3,575	3,293	2,698	2,175	2,380	2,472	5,057,646
1934–35.....	5,350	3,700	3,600	2,907	2,355	1,937	2,125	2,191	4,968,005
1940–41.....	5,000	3,700	3,600	2,938	2,316	2,008	2,165	2,229	5,632,654‡
1941–42.....	5,000	3,700	3,600	2,967	2,361	2,031	2,196	2,261	.....
CONTINUATION SCHOOLS									
1919–20.....	2,100	1,100	1,300	1,303	967	927	929	1,139	$317,602
1924–25.....	3,400	2,000	2,100	1,803	1,400	1,394	1,395	1,600	595,629
1929–30.....	3,550	2,000	2,400	1,833	1,379	1,352	1,358	1,576	727,748
1934–35.....	3,100	1,600	1,800	1,466	1,091	1,056	1,069	1,242	570,006
1940–41.....	2,950	2,150	2,150	1,519	1,173	1,096	1,121	1,280	654,240‡
1941–42.....	2,950	2,100	2,400	1,569	1,249	1,154	1,181	1,335	.....
VOCATIONAL SCHOOLS									
1919–20.....	.....	.....	.....	.....	.....	.....	.....	2,576	$455,902
1924–25.....	8,125	4,325	3,375	4,343	2,563	2,232	2,483	2,575	1,525,532
1929–30.....	6,600	4,700	3,575	4,274	2,660	2,356	2,531	2,612	3,062,874
1934–35.....	5,350	3,700	3,600	3,726	2,426	2,135	2,318	2,371	3,260,836
1940–41.....	5,000	3,700	3,600	3,843	2,556	2,290	2,463	2,511	3,653,378‡
1941–42.....	5,000	3,700	3,600	3,914	2,608	2,313	2,504	2,555	.....
SENIOR AUXILIARY SCHOOLS									
1929–30.....	3,800	2,700	2,200	3,033	2,211	2,005	2,111	2,184	$117,936
1934–35.....	3,300	3,150	2,500	2,931	2,294	2,150	2,225	2,277	165,013
1940–41.....	3,600	3,000	2,600	3,301	2,578	2,298	2,440	2,505	172,824‡
1941–42.....	3,700	3,000	2,600	3,361	2,569	2,321	2,446	2,515	.....

*Excluding large suburban schools.
†Includes all teachers—regular, supply special and evening.
‡Calendar year, 1940.

IV. FINANCES

Year	Receipts				Disbursements			
	Legislative Grants	County Grants	Local Levies A	Total Receipts	Current Operations (B)	Capital Charges (C)	Total (B) and (C)	Capital Outlays
ELEMENTARY SCHOOLS								
PUBLIC AND SEPARATE SCHOOLS								
1920	$1,630,836	$70,221	$18,696,576	$29,793,158	$20,423,938	$4,792,570	$25,216,508	$4,792,571
1925	3,401,863	87,969	24,602,324	40,762,782	29,255,921	4,042,896	33,298,817	4,042,896
1930	3,753,499	140,138	29,151,683	47,846,794	28,367,984	4,830,853	33,198,837	4,753,237
1935	3,013,917	98,404	24,064,856	33,583,735	25,372,263	4,007,155	29,379,418	525,460
1939	4,634,670	215,336	27,799,089	38,829,530	27,968,144	4,517,207	32,485,351	1,876,077
1940	4,734,640	226,072	27,898,697	40,287,194	28,010,444	4,549,037	32,559,481	894,797
PUBLIC SCHOOLS								
1920	$1,497,164	$70,221	$17,050,127	$27,125,849	$18,516,573	$4,327,472	$22,844,045	$4,327,472
1925	3,162,518	87,969	22,132,924	35,955,783	25,619,051	3,295,807	28,914,858	3,295,807
1930	3,396,681	118,598	25,934,733	41,688,303	25,374,753	4,038,740	29,413,493	3,946,677
1935	2,469,022	79,578	21,299,675	29,158,953	22,326,765	3,246,707	25,573,472	425,675
1939	3,593,213	194,920	24,792,752	33,288,866	24,401,902	3,822,860	28,224,762	1,425,546
1940	3,655,340	198,477	24,836,406	34,855,903	24,357,802	3,886,194	28,243,996	710,489
ROMAN CATHOLIC SEPARATE SCHOOLS								
1920	$133,672	E	$1,646,451	$2,667,309	$1,907,365	$465,098	$2,372,463	$465,099
1925	239,345	E	2,669,400	4,806,999	3,636,870	747,089	4,383,959	747,089
1930	356,818	$21,540	3,216,950	6,158,491	2,993,231	792,113	3,785,344	806,560
1935	544,895	18,826	2,765,181	4,424,782	3,045,498	760,448	3,805,946	99,785
1939	1,041,457	20,416	3,006,337	5,540,664	3,566,242	694,347	4,260,589	450,531
1940	1,079,300	27,595	3,062,291	5,431,291	3,652,642	662,843	4,315,485	184,308
PROTESTANT SEPARATE SCHOOLS								
1920	$782	E	$12,403	$16,771	$13,138	.....	$13,138	$2,509
1925	1,244	E	14,372	19,569	17,332	.....	17,332	428
1930	1,951	E	11,444	16,531	13,068	.....	13,068	603
1935	1,286	E	7,447	12,317	11,224	.....	11,224	.....
1939	2,466	E	12,136	16,162	10,253	.....	10,253	5,224
1940	2,450	E	8,711	12,939	11,373	.....	11,373	46
SECONDARY SCHOOLS								
ALL SECONDARY SCHOOLS								
1920	$430,332	$634,903	$2,864,117	$5,445,595	.....	.....	$4,204,881	$516,187
1925	1,319,737	1,598,884	6,187,433	13,261,825	.....	.....	10,365,380	1,991,414
1930	1,892,580	2,414,341	10,175,080	23,992,785	$11,987,914	$2,347,029	14,334,943	5,400,544
1935	1,779,033	2,077,970	9,706,965	16,064,526	11,322,123	2,798,259	14,120,382	315,199
1939	2,380,555	1,856,251	11,767,251	19,265,367	12,930,580	3,069,558	16,000,138	1,379,033
1940	2,239,378	1,966,521	12,077,819	19,178,702	13,067,981	3,271,019	16,339,000	321,827
COLLEGIATE INSTITUTES AND HIGH SCHOOLS								
1920	$176,159	$509,776	$2,323,610	$4,065,050	.....	.....	$3,224,668	$364,264
1925	391,925	1,243,157	4,085,918	8,489,390	.....	.....	6,425,470	1,464,036
1930	472,655	1,764,313	5,962,393	12,929,308	$6,676,267	$1,459,322	8,135,589	2,055,896
1935	441,344	1,496,264	5,326,796	8,793,398	6,272,830	1,528,119	7,800,949	236,057
1939	885,269	1,195,169	6,595,277	10,407,419	7,088,674	1,646,878	8,735,552	950,293
1940	933,007	1,253,296	6,768,535	10,481,144	7,105,390	1,796,527	8,901,917	80,703
CONTINUATION SCHOOLS								
1920	$113,879	$125,127	$199,593	$548,411	.....	.....	$438,311	$34,773
1925	184,385	355,727	322,956	1,275,180	.....	.....	894,477	207,378
1930	228,673	442,101	448,984	1,637,413	$ 957,529	$145,121	1,102,650	174,272
1935	174,764	337,820	292,971	1,196,847	755,835	119,710	875,545	40,347
1939	246,516	289,109	540,076	1,396,616	877,621	161,320	1,038,941	77,521
1940	209,360	322,358	545,755	1,397,825	884,368	156,333	1,040,701	29,442
VOCATIONAL AND SENIOR AUXILIARY SCHOOLS								
1920	$140,294	E	$340,914	$832,134	.....	.....	$541,902	$117,150
1925	743,427	E	1,778,559	3,497,255	.....	.....	3,045,433	320,000
1930	1,191,252	$207,927	3,763,703	9,416,064	$4,354,118	$742,586	5,096,704	3,170,376
1935	1,162,925	243,886	4,087,198	6,074,281	4,293,458	1,150,430	5,443,888	38,795
1939	1,248,770	371,973	4,632,303	7,461,332	4,964,285	1,261,360	6,225,645	351,219
1940	1,097,011	390,867	4,745,529	7,299,733	5,078,223	1,318,159	6,396,352	211,682

A—Includes Township Grants and School District Levies.
E—Included with Local Levies.

V. CLASSIFICATION OF TEACHERS ACCORDING TO PROFESSIONAL EXPERIENCE as at June 30, 1941

These figures have been compiled from the records of the Superannuation Commission and include teachers who, while not actively engaged in teaching, have not withdrawn their contributions from the fund.

Experience	Elementary							Secondary							Grand Total All Teachers
	Cities		Towns and Villages		Rural		Total Elementary Teachers	Collegiate Institutes and Vocational Schools		High Schools		Continuation Schools		Total Secondary Teachers	
	Male	Female	Male	Female	Male	Female		Male	Female	Male	Female	Male	Female		
Less than 2 years	23	113	15	75	243	865	1,332	102	59	42	53	23	41	320	1,652
2 years but less than 3	22	108	15	104	157	688	1,094	66	53	40	40	8	24	231	1,325
3 years but less than 4	26	155	23	107	149	687	1,147	69	46	35	54	11	19	234	1,381
4 years but less than 5	36	164	36	144	146	615	1,141	80	48	30	41	16	17	232	1,373
5 years but less than 6	40	176	57	146	157	553	1,129	71	39	28	38	13	10	199	1,328
6 years but less than 7	47	158	53	169	156	413	996	63	49	32	24	18	20	206	1,202
7 years but less than 8	63	164	51	121	143	425	967	81	44	29	31	11	14	210	1,177
8 years but less than 9	61	176	48	138	124	393	940	113	26	31	25	21	6	222	1,162
9 years but less than 10	36	163	40	117	81	312	749	94	42	23	25	16	12	212	961
10 years but less than 15	281	872	134	518	270	1,134	3,209	428	228	90	114	71	57	988	4,197
15 years but less than 20	260	757	99	414	130	575	2,235	366	205	61	78	37	24	771	3,006
20 years but less than 25	215	673	53	256	52	283	1,532	161	134	27	40	14	13	389	1,921
25 years but less than 35	127	1,053	41	276	28	206	1,731	198	169	39	52	10	10	478	2,209
35 years and over	48	276	24	97	9	36	490	46	19	9	6	2	3	85	575
Unspecified	74	718	88	202	65	333	1,480	161	206	22	54	8	24	475	1,955
Totals	1,359	5,726	777	2,884	1,098	7,518	20,172	2,099	1,367	538	675	279	294	5,252	25,424
Median experience in years	15.1	16.7	10.2	12.1	6.5	6.4	9.8	12.7	13.0	8.7	9.1	9.9	7.3	11.6	10.2

VI. TEACHERS IN TRAINING

(This Table is intended to show only the new teachers added to the Profession)

Year	Student Teachers Enrolled							Interim Certificates Issued						Total Newly Certificated Teachers
								Secondary		Elementary				
	College of Education (Toronto) A	Technical Training College (Hamilton)	Provincial Normal Schools C	English-French Model Schools	Summer Model Schools	Autumn Model Schools	Total	High School Assistant	Vocational School Assistant	Interim First Class	Interim Second Class	Limited Third Class	District	
1919-20	455	.....	1,357	72	126	274	2,284	114	.....	197	1,217	220	119	1,867
1924-25	337	.....	2,884 A	D	146	217	3,584	275	.....	539	1,650	278B	237	2,927
1929-30	437	44	3,607 A	.....	69	D	4,157	365	37	669	703	52	8	1,834
1934-35	536	60	2,537 A	.....	51	.....	3,184	498	34	1,410	596	40	8	2,586
1939-40	504	36	1,229	.....	.....	D	1,769	397	22	1,512	118	D	D	2,049
1940-41	502	D	1,120	.....	.....	.....	1,622	421	.....	871	140	.....	.....	1,432

A Includes extra-mural Students.
B 52 of these previously held District Certificates.
C Located at Hamilton, London, North Bay, Ottawa, Peterborough, Stratford and Toronto.
D Discontinued.

VII. DEPARTMENTAL SUMMER COURSES ENROLMENT BY SUBJECTS IN RECENT YEARS

(The Summer Courses are conducted by the Department of Education for the benefit of Teachers, who desire to spend a part of their summer vacation in an effort to improve their academic and professional standing, and thus to become more efficient in carrying on with a modernized curriculum.)

In the interests of economy summer courses have been discontinued for the duration of the war. See 1940 Report for enrolment in recent years.

VIII. TREND IN GRADE OF CERTIFICATES OF FRENCH-SPEAKING TEACHERS IN ENGLISH-FRENCH SCHOOLS

Year	Number of Teachers	First Class		Second Class		Third Class		District		Temporary		Permanent Ungraded	
		Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.
1929-30..	1,087	30	2.76	243	22.36	537	49.40	44	4.04	205	18.86	28	2.58
1931-32..	1,108	72	6.50	319	28.79	442	39.89	25	2.26	232	20.94	18	1.62
1933-34..	1,202	117	9.73	465	38.69	449	37.35	6	.51	145	12.06	20	1.66
1935-36..	1,257	155	12.33	710	56.48	293	23.31	4	.33	81	6.44	14	1.11
1937-38..	1,298	216	16.72	856	66.25	144	11.15	2	.16	68	5.26	12	.46
1939-40..	1,375	250	18.19	1,010	73.45	74	5.38	.....	.....	34	2.47	7	.51
1940-41..	1,416	278	19.64	1,033	72.95	61	4.31	.....	.....	37	2.61	7	.49
1941-42..	1,436	367	25.56	955	66.50	63	4.39	.....	.....	47	3.27	4	.28

IX. HIGH SCHOOL ENTRANCE EXAMINATION RESULTS

Year	Candidates		Successful Candidates						Percentage of those attempting the written test who were successful
			By Recommendation		By Writing		Total		
	Number	Percentage of Grade VIII May Enrolment	Number	Per cent.	Number	Per cent.	Number	Per cent.	
1919-20....	27,916	.....	5,202	18.6	16,849	60.4	22,051	79.0	74.2
1924-25....	40,409	77.1	10,917	27.0	20,702	51.2	31,619	78.2	70.2
1929-30....	47,438	76.5	13,896	29.3	24,598	51.9	38,494	81.1	73.3
1934-35....	55,092	84.5	28,359	51.5	17,378	31.5	45,737	83.0	65.0
1939-40 ...	56,832	94.2	33,236	58.5	14,706	25.9	47,942	84.4	62.3
1940-41....	55,255	95.6	33,780	61.2	13,231	23.9	47,011	85.1	61.6

X. FIFTH CLASSES

Year	Number of Schools Conducting Fifth Class Work	Fifth Class Enrolment in these Schools	Number of Fifth Classes Qualifying for Legislative Grant	Enrolment in Qualifying Fifth Classes	Grading			Distribution of Qualifying Classes, with Average Enrolment per Class						Legislative Grant
								Public				Separate		
								Counties		Districts				
					A	B	C	No.	Aver. Enrol.	No.	Aver. Enrol.	No.	Aver. Enrol.	
1919-20..	.....	.....	106	.....	47	46	13	.....	.....	.....	.....	.....	.....	$18,993
1924-25..	468	.....	193	1,878	93	69	31	108	7.8	46	8.7	39	16.0	28,396
1929-30..	1,773	9,911	342	2,529	113	108	121	176	5.6	102	5.8	64	14.6	47,507
1934-35..	1,716	10,732	541	4,332	149	155	237	306	6.4	124	5.5	106	12.6	56,643
1939-40..	1,370	10,987	514	4,083	167	155	192	238	7.3	160	5.9	116	12.1	68,226
1940-41..	1,202	9,363	453	3,511	155	135	163	188	8.4	155	5.3	110	10.4	67,466

XI. LEGISLATIVE GRANTS TO EDUCATION

(Paid during the Government Fiscal Year April 1st to March 31st)

SCHOOLS	GRANTS	1939-40 Public Schools	1939-40 Separate Schools	1939-40 Totals	1940-41 Public Schools	1940-41 Separate Schools	1940-41 Totals
ELEMENTARY	General: Counties	$1,630,321	$200,301	$1,830,622	$1,663,512	$201,783	$1,865,295
	Districts	723,902	246,784	970,686	742,332	216,744	1,004,076
	Cities	326,044	207,609	533,653	300,939	197,156	498,095
	Towns	269,162	252,236	521,398	254,859	245,531	500,390
	Villages	151,580	28,257	179,837	141,907	28,612	170,519
		$3,101,009	**$935,187**	**$4,036,196**	**$3,103,549**	**$934,826**	**$4,038,375**
	Assisted: Counties	$18,299	$51,172	$69,471	$7,519	$40,741	$48,260
	Districts	29,358	14,160	43,518	18,576	13,337	31,913
	Special	1,125	.....	1,125	1,093	.....	1,093
		$48,962	**$65,332**	**$114,294**	**$27,188**	**$54,078**	**$81,266**
	Special: Kindergarten	$15,350	$164	$15,514	$15,500	$297	$15,797
	Night School	2,161	.....	2,161	1,284	125	1,409
	Consolidated School	39,770	.....	39,770	38,931	.....	38,931
	Agriculture	206,225	26,098	232,323	67,149	10,452	77,601
	Man. Train., and House. Science	116,254	17,418	133,672	114,018	21,950	135,968
	Home Econ., and General Shop	20,010	23,948	43,958	1,897	6,906	8,803
	Fifth Class	49,750	14,625	64,375	51,740	16,747	68,487
	Music	102,394	4,816	107,210	102,307	2,906	105,213
	Medical and Dental Inspection	12,307	585	12,892	12,039	533	12,572
	Auxiliary Classes	73,103	9,952	82,965	68,776	9,663	78,439
	Art	10,592	2,603	13,195	2,730	510	3,240
	Transportation	.....	.....	.....	34,750	2,602	37,352
		$647,916	**$100,219**	**$748,125**	**$511,121**	**$72,691**	**$583,812**
	Totals	**$3,797,887**	**$1,100,738**	**$4,895,625**	**$3,641,858**	**$1,061,595**	**$4,703,453**

SECONDARY		Continuation Schools	High Schools and Collegiate Institutes	Vocational Schools	Totals	Continuation Schools	High Schools and Collegiate Institutes	Vocational Schools	Totals
	General	$209,058	$806,322	$758,214	$1,773,594	$193,249	$763,992	$920,649	$1,877,890
	Building	.....	.....	318,552	318,552	.....	.....	332,913	332,913
	Special: Agriculture	10,817	27,045	.....	37,862	3,907	10,692	.....	14,599
	Home Econ. and General Shop	49,202	191,579	.....	240,781	14,188	126,344	.....	140,532
	Music	4,946	10,182	.....	15,128	5,702	13,085	.....	18,787
	Mining	.....	.....	4,000	4,000	.....	.....	4,000	4,000
	Night School	.....	3,495	104,454	107,949	.....	3,774	101,751	108,525
		$64,965	**$232,301**	**$108,454**	**$405,720**	**$23,797**	**$153,895**	**$108,751**	**$286,443**
	Totals	**$274,023**	**$1,038,623**	**$1,185,220**	**$2,497,866**	**$217,046**	**$917,887**	**$1,362,313**	**$2,497,246**

UNIVERSITIES		Toronto	Western	Queen's	Totals	Toronto	Western	Queen's	Totals
	Regular	$577,000	$260,000	$250,000	$1,087,000	$592,000	$260,000	$250,000	$1,102,000
	Special	1,000,000	.....	.....	1,000,000	1,000,000	.....	.....	1,000,000
	Totals	**$1,577,000**	**$260,000**	**$250,000**	**$2,087,000**	**$1,592,000**	**$260,000**	**$250,000**	**$2,102,000**
	Grand Totals				**$9,480,491**				**$9,302,699**

The above statement does not contain grants paid to various educational organizations, nor the following payments made to the University of Toronto—Capital Grant of $65,638 each year, and payment for training of High School Assistants ($246,000 in each of these years).

XII. SOME SALIENT EDUCATIONAL FEATURES—PROVINCES OF CANADA

(Based on figures given in the Biennial Survey 1938-40 of the Dominion Bureau of Statistics)

Provinces	Comparative Size [A]	Total Population 1941 [B]	Number of School Boards	Pupils					Teachers						Provincial Grants		
									Number			Certificates					
				Enrolment in all Provincial Schools, 1940	Enrolment as Percent of Total Population	Average Daily Attendance 1939-40	Percent of Pupils in Elementary Grades I-VIII	Percent of Pupils, Secondary Grades IX-XIII	Total	Percent, Male	Percent, Female	Percent, First Class or Higher	Percent, 2nd Class or Lower	Average Salary of those in 1-room Rural Schools	Amount of Provincial Grants	Grants as Percent of Current Income	Grants per Pupil of Average Attendance
														$	$	%	$
MARITIMES:—																	
Prince Edward Island	.8	93,919	476	18,308	19.5	13,598	85.1	14.9	665	26	74	41	59	443	268,899	60.7	7.82
Nova Scotia	5.0	573,190	1,774	117,167	19.8	93,359	84.9	15.1	3,429	16	84	59	41	510	755,795	18.3	8.79
New Brunswick	4.0	453,377	1,563	93,633	20.7	73,046	89.3	10.7	2,782	17	83	86	14	458	551,999	17.2	8.63
Quebec	29.1	3,319,640	1,905	647,528	19.5	554,507	.....	N.A.	.....	.....	.....	.....	.....	N.A.	2,376,504	10.7	8.37
Ontario	33.0	3,756,632	6,617	664,373	17.7	607,693	80.2	19.8	21,995	28	72	85	15	732	6,935,811	14.3	11.41
PRAIRIE PROVINCES:—																	
Manitoba	6.4	722,447	1,886	134,411	18.6	114,800	83.3	16.7	4,262	27	73	60	40	551	1,152,708	14.9	10.04
Saskatchewan	7.8	887,747	4,927	205,243	23.1	163,580	82.1	17.9	7,422	33	67	88	12	564	2,519,048	25.2	15.40
Alberta	6.8	772,782	3,639	163,892	21.2	139,886	80.2	19.8	5,887	35	65	74	26	797	1,870,413	17.5	13.37
British Columbia	7.1	809,203	720	120,459	14.9	108,391	75.7	24.3	4,145	38	62	75	25	850	2,635,680	27.5	24.32
	100.0	11,388,937	23,507	2,165,014	19.0	1,868,860	81.4	18.6						644	19,066,857	16.4	10.20

A As a percent of the total population of the nine Provinces.
B Note that these do not give the total population for all Canada since no data is included for the Yukon and Northwest Territories. The Enrolment in these territories was—Yukon, 194; Northwest Territories, 272.
N.A. Figures not available.

THE PUBLIC AND SEPARATE SCHOOLS

TABLE 1—DISTRIBUTION OF PROVINCIALLY-CONTROLLED SCHOOLS

Schools in Operation, 1941-42

	ELEMENTARY											SECONDARY				
	PUBLIC					R. C. SEPARATE					Total Elementary	Continuation	High and Collegiate	Composite	Vocational	Tot. Secondary
	Rural	Village	Twn	City	Total	R'r'l	Village	Twn	City	Tot.						
In Counties																
Addington	22	....	....	....	22	1	....	....	....	1	23	3	....	....	....	3
Brant	61	....	3	11	75	....	....	1	3	4	79	3	2	1	....	6
Bruce	158	10	6	....	174	11	2	1	....	14	188	9	6	....	....	15
Carleton	109	2	1	19	131	24	....	3	37	64	195	11	3	....	2	16
Dufferin	80	2	1	....	83	....	....	....	....	....	83	3	2	....	....	5
Dundas	66	4	....	....	70	1	1	....	....	2	72	2	5	....	....	7
Durham	92	2	5	....	99	....	....	....	....	....	99	3	3	....	....	6
Elgin	104	6	1	7	118	....	....	....	1	1	119	6	4	....	1	11
Essex	114	2	10	19	145	28	1	11	20	60	205	2	9	....	1	12
Frontenac	132	1	....	8	141	10	1	....	3	14	155	1	1	1	....	3
Glengarry	69	2	1	....	72	19	1	2	....	22	94	....	3	....	....	3
Grenville	62	3	1	....	66	....	....	1	....	1	67	4	2	....	....	6
Grey	214	6	4	5	229	7	....	1	1	9	224	3	7	1	....	11
Haldimand	74	4	1	....	79	....	....	....	....	....	79	2	4	....	....	6
Haliburton	47	....	....	....	47	....	....	....	....	....	47	3	....	....	....	3
Halton	61	1	7	....	69	....	....	1	....	1	69	1	4	....	....	5
Hastings	177	7	3	4	191	8	2	1	1	12	203	2	6	1	....	9
Huron	176	4	5	....	185	7	....	1	....	8	193	5	5	....	....	10
Kent	139	3	7	3	152	11	....	3	2	16	168	7	4	1	1	13
Lambton	170	8	4	8	190	2	....	....	3	5	195	6	3	1	....	10
Lanark	111	1	9	....	121	3	....	3	....	6	127	2	3	1	....	6
Leeds	128	3	6	....	137	2	1	2	....	5	142	7	2	1	....	10
Lennox	81	2	1	....	84	....	....	....	....	....	84	3	1	1	....	5
Lincoln	64	2	6	12	84	....	1	1	5	7	91	....	4	2	....	6
Middlesex	184	5	3	19	211	4	....	1	12	17	228	9	8	....	1	18
Norfolk	101	4	2	....	107	2	1	2	....	5	112	....	4	1	....	5
Northumberland	103	3	3	....	109	6	1	2	....	9	118	3	4	....	....	7
Ontario	120	3	4	8	135	1	....	1	2	4	139	6	3	1	....	10
Oxford	106	3	3	5	117	....	....	2	1	3	120	10	3	1	....	14
Peel	78	4	2	....	84	1	....	....	....	1	85	5	3	....	....	8
Perth	110	1	4	7	122	7	....	1	2	10	132	1	3	1	....	5
Peterborough	91	3	....	6	100	5	....	....	4	9	109	1	3	1	....	5
Prescott	43	2	2	....	47	64	1	3	....	68	115	....	4	....	....	4
Prince Edward	70	2	2	....	74	....	....	1	....	1	75	2	....	1	....	3
Renfrew	159	5	6	....	170	19	2	5	....	26	196	7	1	2	....	10
Russell	25	....	1	....	26	51	1	3	....	55	81	3	2	....	....	5
Simcoe	212	7	19	....	238	4	....	3	....	7	245	13	6	1	....	20
Stormont	75	1	1	....	77	10	....	3	....	13	90	2	2	1	....	5
Victoria	97	4	4	....	105	2	....	1	....	3	108	5	2	....	....	7
Waterloo	85	2	6	11	104	7	....	3	7	17	121	5	1	2	....	8
Welland	83	5	9	12	109	....	....	1	1	2	111	2	3	4	....	9
Wellington	140	6	3	7	156	5	3	1	3	12	168	5	4	1	....	10
Wentworth	74	3	1	30	108	1	....	1	20	22	130	1	5	1	2	9
York	188	12	13	87	300	13	2	4	40	59	359	7	16	7	6	36
Totals	4,655	150	170	288	5,263	336	21	70	168	595	*5,858	175	160	36	†14	†385
In Districts																
Algoma	88	1	4	10	103	2	....	1	6	9	112	5	2	....	1	8
Cochrane	75	....	11	....	86	66	....	12	....	78	164	2	5	1	....	8
Kenora	31	....	7	....	38	1	....	3	....	4	42	1	3	....	....	4
Manitoulin	42	....	2	....	44	1	....	1	....	2	46	3	1	....	....	4
Muskoka	82	3	4	....	89	2	....	....	....	2	91	3	3	....	....	6
Nipissing	67	....	3	5	75	35	....	4	4	43	118	....	2	1	....	3
Parry Sound	116	4	5	....	125	1	....	1	....	2	127	5	1	....	....	6
Patricia	9	....	....	....	9	....	....	....	....	....	9	1	....	....	....	1
Rainy River	60	....	2	....	62	3	....	2	....	5	67	1	1	1	....	3
Sudbury	99	....	7	6	112	48	....	3	7	58	170	3	4	....	1	8
Timiskaming	75	1	7	....	83	14	1	4	....	19	102	....	3	2	....	5
Thunder Bay	107	....	1	17	125	2	....	1	7	10	135	2	3	....	2	7
Totals	851	9	53	38	*951	175	1	32	24	232	1,183	26	28	5	4	63
Grand Totals	5,506	159	223	326	*6,214	511	22	102	192	827	*7,041	201	188	41	†18	†448

*In addition there are 7 school cars distributed as follows: Kenora 1, Rainy River 1, Thunder Bay 1, Sudbury 3, Nipissing 1.

†In addition there are 5 senior auxiliary schools (Hamilton 2, Toronto 3) and 2 navigation schools (Collingwood and Kingston). These latter are open part of the year only.

TABLE 2—ENROLMENT AND ATTENDANCE, 1940-41

COUNTIES	May Enrolment			Average Daily Attendance for the Year			Days lost per Year per Pupil of May Enrolment			Attendance Efficiency Percentage		
	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total
Brant												
City of Brantford	3,652	605	4,257	3,414	570	3,984	10.4	10.2	10.3	94.6	94.6	94.6
Large Suburban	273	.....	273	254	.....	254	15.8	.....	15.8	91.8	.....	91.8
Towns and Villages	459	47	506	435	44	479	7.6	6.6	7.5	94.7	96.5	96.0
Rural	1,830	.....	1,830	1,620	.....	1,620	22.3	.....	22.3	88.2	.....	88.2
Totals	6,214	652	6,866	5,723	614	6,337	13.9	9.9	13.6	92.7	94.8	92.9
Bruce												
Towns and Villages	2,098	375	2,473	1,923	350	2,273	12.6	9.0	12.0	93.2	95.3	93.5
Rural	3,026	497	3,523	2,579	456	3,035	21.6	15.8	20.8	88.2	90.7	88.7
Totals	5,124	872	5,996	4,502	806	5,308	17.9	12.9	17.2	90.3	93.3	90.7
Carleton												
City of Ottawa	9,321	10,724	20,045	8,380	10,230	18,610	14.9	13.4	14.0	92.2	93.0	92.7
Large Suburban	1,008	.....	1,008	932	.....	932	13.5	.....	13.5	93.2	.....	93.2
Towns and Villages	469	1,299	1,768	405	1,294	1,699	18.8	9.4	11.9	89.9	95.3	93.9
Rural	3,403	1,391	4,794	2,633	1,295	3,928	22.8	16.2	17.9	87.7	91.4	89.9
Totals	14,201	13,414	27,615	12,350	12,819	25,169	15.8	13.2	14.5	93.3	93.2	93.2
Dufferin												
Towns and Villages	555	.....	555	516	.....	516	16.9	.....	16.9	91.3	.....	91.3
Rural	1,367	.....	1,367	1,187	.....	1,187	24.6	.....	24.6	86.8	.....	86.8
Totals	1,922	.....	1,922	1,703	.....	1,703	23.5	.....	23.5	87.8	.....	87.8
Dundas												
Towns and Villages	592	42	634	538	38	576	19.9	12.4	19.0	89.7	93 2	90.9
Rural	1,501	18	1,519	1,337	20	1,357	22.3	9.2	21.1	88.4	84.6	89.1
Totals	2,093	60	2,153	1,875	58	1,928	20.7	12.2	20.5	89.3	96.8	89.6
Durham												
Towns and Villages	1,369	.....	1,369	1,257	.....	1,257	16.0	.....	16.0	87.9	.....	87.9
Rural	1,959	.....	1,959	1,696	.....	1,696	23.0	.....	23.0	87.9	.....	87.9
Totals	3,328	.....	3,328	2,953	.....	2,953	20.2	.....	20.2	87.9	.....	87.9
Elgin												
City of St. Thomas	1,755	259	2,014	1,603	234	1,837	18.6	16.6	17.6	90.2	91.2	90.4
Towns and Villages	1,049	.....	1,049	906	.....	906	16.4	.....	16.4	91.0	.....	91.0
Rural	2,871	.....	2,871	2,504	.....	2,504	21.0	.....	21.0	89.0	.....	89.0
Totals	5,675	259	5,934	5,013	234	5,247	19.2	16.6	19.1	89.9	91.2	89.9
Essex												
City of Windsor	10,482	6,487	16,969	9,419	6,074	15,593	12.1	11.1	11.8	93.4	94.1	93.7
Large Suburban	760	.....	760	676	.....	676	13.1	.....	13.1	93.0	.....	93.0
Towns and Villages	2,456	1,962	4,418	2,273	1,810	4,083	13.6	12.0	12.9	91.3	93.1	92.2
Rural	4,471	1,594	6,065	4,005	1,449	5,454	18.9	16.2	18.2	90.1	91.5	90.5
Totals	18,169	10,043	28,212	16,373	9,333	25,706	14.0	12.1	13.3	92.4	93.5	92.8
Frontenac												
City of Kingston	2,823	908	3,731	2,541	815	3,356	20.1	21.2	20.2	89.6	89.8	89.5
Towns and Villages	117	58	175	97	56	153	30.8	6.3	19.6	85.8	96.7	89.5
Rural	2,975	147	3,122	2,397	130	2,527	29.8	29.9	29.8	83.8	82.6	83.8
Totals	5,915	1,113	7,028	5,035	1,001	6,036	25.1	21.5	24.6	86.7	88.8	86.8
Glengarry												
Towns and Villages	226	570	796	208	541	749	30.4	14.5	17.5	86.6	92.6	91.1
Rural	1,603	628	2,231	1,382	571	1,953	24.2	18.5	22.6	87.2	90.3	88.1
Totals	1,829	1,198	3,027	1,590	1,112	2,702	23.8	16.6	20.8	87.3	91.3	88.9
Grenville												
Towns and Villages	878	121	999	793	107	900	14.3	14.6	14.4	92.5	91.6	92.4
Rural	1,173	.....	1,173	907	.....	907	22.3	.....	22.3	86.6	.....	86.6
Totals	2,051	121	2,172	1,700	107	1,807	18.9	14.6	18.6	89.3	91.9	89.4
Grey												
City of Owen Sound	1,997	160	2,157	1,819	146	1,965	17.1	15.9	17.0	91.1	91.6	91.2
Towns and Villages	1,570	85	1,655	1,485	76	1,561	11.9	15.2	12.1	93.9	91.9	93.8
Rural	4,422	105	4,527	3,766	86	3,852	21.3	23.6	21.4	89.2	86.8	89.1
Totals	7,989	350	8,339	7,070	308	7,378	18.4	18.0	18.3	90.6	90.3	90.4

TABLE 2—ENROLMENT AND ATTENDANCE, 1940-41

COUNTIES	May Enrolment			Average Daily Attendance for the Year			Days lost per Year per Pupil of May Enrolment			Attendance Efficiency Percentage		
	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total
Haldimand												
Towns and Villages..	1,146	.....	1,146	1,115	.....	1,115	13.7	.....	13.7	92.8	.....	92.8
Rural.....	1,742	.....	1,742	1,498	.....	1,498	21.8	.....	21.8	84.8	.....	84.8
Totals.....	2,888	.....	2,888	2,613	.....	2,613	16.9	.....	16.9	90.9	.....	90.9
Haliburton												
Rural.....	1,247	.....	1,247	1,010	.....	1,010	29.8	.....	29.8	82.5	.....	82.5
Halton												
Towns and Villages..	1,938	32	1,970	1,762	32	1,794	16.6	13.4	14.7	92.0	93.4	92.2
Rural.....	1,612	.....	1,612	1,370	.....	1,370	22.9	.....	22.9	88.3	.....	88.3
Totals.....	3,550	32	3,582	3,132	32	3,164	17.7	13.4	17.6	90.6	93.4	90.7
Hastings												
City of Belleville....	1,660	449	2,109	1,530	390	1,920	16.8	18.1	17.0	91.1	90.0	91.1
Towns and Villages..	2,368	376	2,744	2,161	349	2,510	15.9	14.6	15.8	91.7	92.3	91.8
Rural.....	4,384	155	4,539	3,717	148	3,865	23.6	14.5	23.3	87.4	92.1	87.6
Totals.....	8,412	980	9,392	7,408	887	8,295	20.1	16.3	19.7	89.4	91.3	89.6
Huron												
Towns and Villages..	1,563	108	1,671	1,365	105	1,470	13.2	12.0	13.0	93.0	93.9	93.1
Rural.....	3,841	211	4,052	3,416	181	3,597	19.9	16.5	19.8	89.5	90.8	89.6
Totals.....	5,404	319	5,723	4,781	286	5,067	18.0	13.8	17.8	90.6	91.9	90.6
Kent												
City of Chatham....	1,937	585	2,522	1,783	532	2,315	11.7	12.5	11.9	93.9	93.3	93.7
Towns and Villages..	1,870	738	2,608	1,725	658	2,383	16.1	17.3	17.1	91.6	90.8	91.8
Rural.....	4,350	409	4,759	3,800	345	4,145	23.4	29.1	23.9	87.8	84.7	87.6
Totals.....	8,157	1,732	9,889	7,308	1,535	8,843	18.7	18.4	18.6	90.2	90.1	90.2
Lambton												
City of Sarnia.....	2,209	507	2,716	2,048	485	2,533	11.1	10.7	11.0	94.2	94.5	94.2
Towns and Villages..	1,271	.....	1,271	1,204	.....	1,204	12.4	.....	12.4	93.8	.....	93.8
Rural.....	3,729	38	3,767	3,211	33	3,244	19.9	18.0	19.8	89.6	90.2	89.6
Totals.....	7,209	545	7,754	6,463	518	6,981	15.8	11.2	15.5	91.7	94.2	91.9
Lanark												
Towns and Villages..	2,234	447	2,681	2,061	407	2,468	14.5	13.0	14.3	92.6	93.0	92.7
Rural.....	1,898	39	1,937	1,618	34	1,652	23.9	20.1	23.8	87.4	89.2	87.5
Totals.....	4,132	486	4,618	3,679	441	4,120	18.8	13.6	18.2	90.2	92.7	90.5
Lennox and Addington												
Towns and Villages..	533	.....	533	478	.....	478	21.5	.....	21.5	88.9	.....	88.9
Rural.....	2,058	54	2,112	1,731	48	1,779	28.1	18.1	27.8	84.8	90.2	85.0
Totals.....	2,591	54	2,645	2,209	48	2,257	26.7	18.1	26.6	85.7	90.2	85.8
Leeds												
Towns and Villages..	1,820	453	2,273	1,614	414	2,028	19.7	14.2	18.6	89.7	92.5	90.3
Rural.....	2,454	20	2,474	2,088	16	2,104	23.0	20.7	23.0	87.7	87.6	87.7
Totals.....	4,274	473	4,747	3,702	430	4,132	21.6	14.4	20.9	88.6	92.3	88.9
Lincoln												
City of St. Catharines.....	3,317	709	4,026	2,988	645	3,633	12.7	12.8	12.7	93.0	93.2	93.2
Large Suburban.....	294	.....	294	255	.....	255	16.7	.....	16.7	90.8	.....	90.8
Towns and Villages..	1,244	139	1,383	1,090	119	1,209	14.0	11.1	13.7	92.4	93.7	92.5
Rural.....	3,042	.....	3,042	2,634	.....	2,634	17.6	.....	17.6	90.4	.....	90.4
Totals.....	7,897	848	8,745	6,967	764	7,731	15.0	12.5	14.7	92.0	93.3	92.1
Middlesex												
City of London.....	8,529	1,476	10,005	7,729	1,390	9,119	12.0	13.4	12.7	93.3	93.4	93.3
Towns and Villages..	905	14	919	839	13	852	12.5	12.6	12.5	93.4	73.3	93.4
Rural.....	4,586	62	4,648	4,012	50	4,062	17.9	25.3	18.0	90.5	86.2	90.5
Totals.....	14,020	1,552	15,572	12,580	1,453	14,033	14.3	13.9	14.2	92.4	93.1	92.5
Norfolk												
Towns and Villages..	1,694	211	1,905	1,494	204	1,698	14.2	14.1	14.2	92.3	92.9	92.4
Rural.....	3,425	128	3,553	2,925	120	3,045	24.9	11.1	24.4	86.8	94.7	87.1
Totals.....	5,119	339	5,458	4,419	324	4,743	21.3	12.9	20.8	88.6	93.4	88.9

TABLE 2—ENROLMENT AND ATTENDANCE, 1940-41

COUNTIES	May Enrolment			Average Daily Attendance for the Year			Days lost per Year per Pupil of May Enrolment			Attendance Efficiency Percentage		
	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total
Northumberland												
Towns and Villages..	1,529	260	1,789	1,380	242	1,622	20.0	16.1	19.5	89.7	91.5	89.9
Rural.....	2,351	67	2,418	2,003	57	2,060	25.8	23.7	25.8	86.3	85.4	86.3
Totals.....	3,880	327	4,207	3,383	299	3,682	23.5	17.6	23.1	87.7	90.2	87.9
Ontario												
City of Oshawa.....	3,413	542	3,955	3,189	493	3,682	12.7	11.8	12.4	93.5	92.6	93.4
Large Suburban.....	393	.....	393	383	.....	383	15.0	....	15.0	92.6	.....	92.6
Towns and Villages..	1,066	51	1,117	965	38	1,003	15.2	15.8	15.3	92.1	90.6	92.0
Rural.....	3,191	61	3,252	2,696	50	2,746	21.8	18.5	21.7	88.2	89.3	88.3
Totals.....	8,063	654	8,717	7,233	581	7,814	16.7	14.4	16.6	91.3	92.2	91.3
Oxford												
City of Woodstock..	1,443	151	1,594	1,304	142	1,446	14.8	16.7	14.7	92.0	93.1	92.1
Towns and Villages..	1,605	159	1,764	1,470	136	1,606	13.2	13.3	13.2	92.4	92.5	92.4
Rural.....	3,577	.....	3,577	3,115	.....	3,115	16.3	.....	16.3	91.0	.....	91.0
Totals.....	6,625	310	6,935	5,889	278	6,167	15.3	12.5	15.2	91.7	92.8	91.8
Peel												
Large Suburban.....	510	.....	510	471	.....	471	21.0	.....	21.0	89.5	.....	89.5
Towns and Villages..	1,209	.....	1,209	1,112	.....	1,112	15.6	.....	15.6	91.9	.....	91.9
Rural.....	2,349	7	2,356	2,114	6	2,120	22.5	15.3	22.5	88.6	92.0	88.6
Totals.....	4,068	7	4,075	3,697	6	3,703	20.2	15.3	20.2	89.7	92.0	89.7
Perth												
City of Stratford....	1,398	339	2,277	1,795	320	2,115	13.7	10.5	13.2	92.9	94.2	93.1
Towns and Villages..	1,099	44	1,143	1,012	38	1,050	13.1	28.1	13.5	93.0	82.1	92.8
Rural.....	2,987	249	3,236	2,557	226	2,783	19.6	18.9	19.5	89.6	88.8	89.7
Totals.....	6,024	632	6,656	5,364	584	5,948	17.3	14.5	16.3	91.3	92.4	91.4
Peterborough												
City of Peterborough	2,649	986	3,635	2,496	917	3,413	14.0	12.4	13.6	92.8	93.0	92.9
Large Suburban.....	406	.....	406	384	.....	384	18.5	.....	18.5	90.8	.....	90.8
Towns and Villages..	578	.....	578	523	.....	523	15.5	.....	15.5	91.8	.....	91.8
Rural.....	2,064	99	2,163	1,753	88	1,841	23.7	24.6	23.8	87.7	87.2	87.7
Totals.....	5,697	1,085	6,782	5,156	1,005	6,161	18.0	13.7	17.3	90.7	92.7	91.1
Prescott												
Towns and Villages..	372	1,485	1,857	199	1,356	1,555	18.1	13.0	14.0	89.5	92.9	92.3
Rural.....	981	1,992	2,973	769	1,868	2,637	19.3	14.4	16.0	91.4	92.3	91.4
Totals.....	1,353	3,477	4,830	968	3,224	4,192	19.0	13.8	15.2	89.5	92.5	91.7
Prince Edward												
Towns and Villages..	814	50	864	690	43	733	19.7	22.3	19.6	89.9	88.0	89.3
Rural.....	1,446	.....	1,446	1,181	.....	1,181	29.8	.....	29.8	83.9	.....	83.9
Totals.....	2,260	50	2,310	1,871	43	1,914	26.4	22.3	26.3	85.9	88.0	88.0
Russell												
Towns and Villages..	20	686	706	19	652	671	30.1	11.3	11.8	86.2	94.1	91.1
Rural.....	582	2,060	2,642	505	1,968	2,473	19.3	13.3	14.6	89.9	92.9	92.3
Totals.....	602	2,746	3,348	524	2,620	3,144	19.6	12.8	12.8	89.7	93.1	92.6
Renfrew												
Towns and Villages..	2,139	2,310	4,449	1,978	2,053	4,031	13.8	12.5	13.2	92.9	93.1	93.0
Rural.....	3,953	597	4,550	3,169	527	3,694	25.5	18.8	24.6	86.0	89.9	86.5
Totals.....	6,092	2,907	8,999	5,147	2,580	7,727	21.5	13.9	19.0	88.5	92.4	89.7
Simcoe												
Towns and Villages..	6,119	741	6,860	5,407	676	6,083	14.7	13.9	14.6	92.0	92.6	92.1
Rural.....	5,079	281	5,360	4,229	259	4,488	28.0	16.3	27.3	85.1	91.9	85.5
Totals.....	11,198	1,022	12,220	9,636	935	10,571	20.7	14.5	20.2	88.9	92.4	89.2
Stormont												
Towns and Villages..	908	2,097	3,005	848	2,019	2,867	12.6	14.6	14.0	93.4	90.3	92.9
Rural.....	2,337	1,200	3,537	1,990	1,119	3,109	20.2	11.6	17.3	89.0	93.8	90.7
Totals.....	3,245	3,297	6,542	2,838	3,138	5,976	18.1	13.5	15.8	90.3	93.0	91.2

TABLE 2—ENROLMENT AND ATTENDANCE, 1940-41

COUNTIES	May Enrolment			Average Daily Attendance for the Year			Days lost per Year per Pupil of May Enrolment			Attendance Efficiency Percentage		
	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total
Victoria												
Towns and Villages..	1,344	185	1,529	1,238	163	1,401	17.8	21.3	18.3	90.9	88.8	90.7
Rural.....	1,884	64	1,948	1,270	58	1,328	25.8	20.4	25.6	85.7	89.4	85.8
Totals.....	3,228	249	3,477	2,508	221	2,729	22.5	20.7	22.4	87.9	89.1	88.0
Waterloo												
City of Galt.....	1,668	274	1,942	1,497	262	1,759	8.6	8.7	8.6	95.3	95.3	95.3
City of Kitchener...	3,820	1,777	5,597	3,416	1,706	5,122	10.0	7.3	9.1	94.5	96.1	95.0
Towns and Villages..	2,649	673	3,322	2,433	615	3,048	8.7	7.4	8.4	95.3	96.1	95.5
Rural.....	3,111	378	3,489	2,902	350	3,252	15.2	11.6	14.8	92.1	93.8	92.2
Totals.....	11,248	3,102	14,350	10,248	2,933	13,181	10.9	8.0	10.3	94.2	95.8	94.5
Welland												
City of Welland.....	1,683	.....	1,683	1,597	.....	1,597	12.6	.....	12.6	93.5	.....	93.5
City of Niagara Falls.....	2,239	433	2,672	2,102	398	2,500	11.6	11.4	11.5	93.8	93.9	93.8
Large Suburban.....	2,510	.....	2,510	2,122	.....	2,122	11.7	.....	11.7	93.3	.....	93.3
Towns and Villages..	3,614	300	3,914	3,368	270	3,638	13.4	13.8	13.5	93.1	92.8	93.0
Rural.....	2,831	.....	2,831	2,469	.....	2,469	20.2	.....	20.2	89.2	.....	89.2
Totals.....	12,877	733	13,610	11,658	668	12,326	14.2	12.2	14.1	92.5	93.4	92.6
Wellington												
City of Guelph.....	2,450	859	3,309	2,232	822	3,054	14.8	10.4	14.8	92.2	95.5	92.9
Towns and Villages..	1,421	191	1,512	1,331	173	1,504	11.3	11.9	11.4	94.1	93.5	94.0
Rural.....	3,202	106	3,308	2,769	96	2,865	20.7	16.8	20.5	89.0	91.1	89.0
Totals.....	7,073	1,156	8,229	6,332	1,091	7,423	16.7	11.3	16.0	91.1	94.0	91.5
Wentworth												
City of Hamilton....	18,567	4,219	22,786	16,415	4,002	20,417	13.2	9.7	12.6	92.8	94.9	93.2
Large Suburban.....	286	.....	286	246	.....	246	20.2	.....	20.2	89.0	.....	89.0
Towns and Villages..	1,381	106	1,487	1,205	102	1,307	16.0	10.0	15.6	91.3	94.9	91.6
Rural.....	3,248	95	3,343	2,707	89	2,796	19.0	8.9	18.6	89.6	95.3	89.8
Totals.....	23,482	4,420	27,902	20,573	4,193	24,768	14.3	9.7	13.5	92.2	94.9	92.7
York												
City of Toronto.....	74,466	11,453	85,119	67,306	10,875	78,181	16.6	16.7	16.6	91.4	91.4	91.4
Large Suburban.....	23,248	.....	23,248	21,397	.....	21,397	13.8	.....	13.8	92.9	.....	92.9
Towns and Villages..	8,675	507	9,182	7,587	463	8,050	13.7	15.4	13.8	92.5	92.0	92.5
Rural.....	6,126	1,951	8,077	5,335	1,911	7,246	21.3	16.5	20.2	88.8	91.5	89.4
Totals.....	112,515	13,911	126,426	101,625	13,249	114,874	16.0	16.7	16.1	91.7	91.5	91.6
DISTRICTS												
Algoma												
City of Sault Ste. Marie.....	3,018	1,160	4,178	2,810	1,077	3,887	10.2	13.0	12.5	88.5	93.1	89.7
Towns and Villages..	596	422	1,018	569	388	957	14.6	16.3	16.2	91.9	91.5	91.8
Rural.....	2,962	407	3,369	2,518	364	2,882	23.1	19.5	22.7	87.6	89.8	87.8
Totals.....	6,576	1,989	8,565	5,897	1,829	7,726	17.5	15.0	17.0	88.4	92.1	89.2
Cochrane												
Large Suburban.....	1,265	.....	1,265	1,215	.....	1,215	8.6	.....	8.6	95.5	.....	95.5
Towns and Villages..	3,559	4,304	7,863	3,406	3,801	7,207	13.0	11.6	12.3	93.5	93.9	93.7
Rural.....	2,218	2,741	4,959	1,887	2,411	4,298	21.6	21.6	21.6	88.0	88.9	88.5
Totals.....	7,042	7,045	14,087	6,508	6,212	12,720	14.9	15.5	15.2	92.1	91.9	92.0
Kenora												
Towns and Villages..	1,865	380	2,245	1,734	349	2,083	16.5	16.9	16.6	91.6	91.9	91.7
Rural.....	1,177	32	1,209	980	27	1,007	21.3	30.4	21.5	88.1	84.1	88.4
Totals.....	3,042	412	3,454	2,714	376	3,090	18.4	16.0	18.0	90.3	91.5	90.5
Manitoulin												
Towns and Villages..	258	31	289	234	32	266	18.7	16.9	18.6	90.3	91.9	90.4
Rural.....	1,150	99	1,249	1,046	90	1,136	23.2	17.9	22.8	87.4	90.6	87.7
Totals.....	1,408	130	1,538	1,280	122	1,402	22.4	17.6	22.0	88.0	90.9	88.2

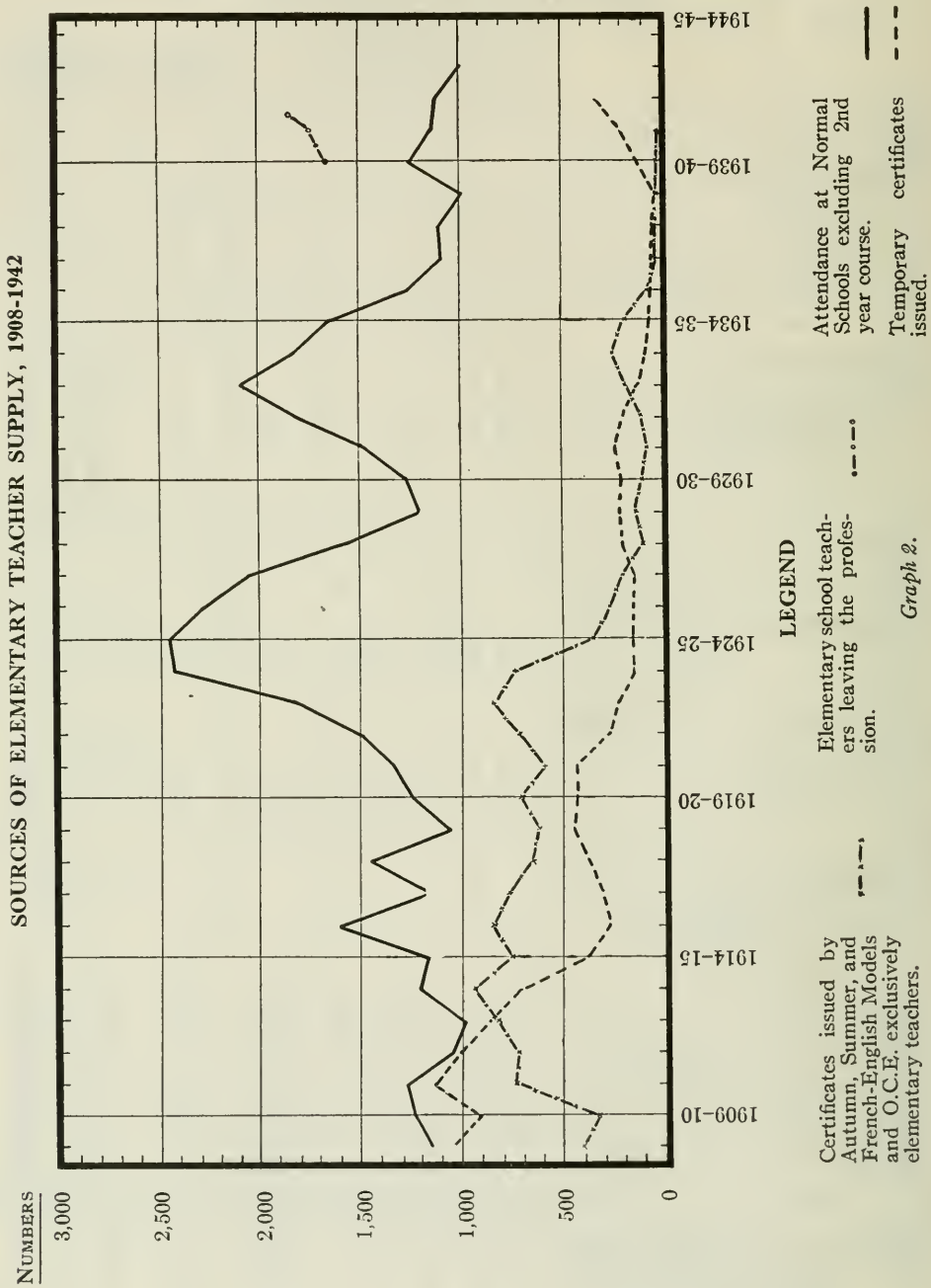
TABLE 2—ENROLMENT AND ATTENDANCE, 1940-41

DISTRICTS	May Enrolment			Average Daily Attendance for the Year			Days lost per Year per Pupil of May Enrolment			Attendance Efficiency Percentage		
	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total
Muskoka												
Towns and Villages..	1,358	.....	1,358	1,242	.....	1,242	18.9	.....	18.9	90.3	.....	90.3
Rural.....	1,942	84	2,026	1,659	65	1,724	27.6	34.9	27.9	85.6	81.1	85.5
Totals.....	3,300	84	3,384	2,901	65	2,966	24.0	34.9	24.9	87.6	81.1	87.4
Nipissing												
City of North Bay...	1,318	1,434	2,752	1,218	1,328	2,546	11.9	12.0	11.9	93.7	94.4	93.7
Towns and Villages..	271	1,746	2,017	256	1,540	1,796	13.1	15.4	15.0	93.3	91.6	91.8
Rural.....	1,962	1,579	3,541	1,643	1,403	3,046	20.3	17.9	19.3	88.8	90.4	89.5
Totals.....	3,551	4,759	8,310	3,117	4,271	7,388	16.7	15.2	15.8	91.0	91.8	91.5
Parry Sound												
Large Suburban.....	217	.....	217	180	.....	180	16.7	.....	16.7	90.5	.....	90.5
Towns and Villages..	1,577	24	1,601	1,462	28	1,490	17.3	18.6	17.3	90.9	92.3	90.9
Rural.....	2,694	27	2,721	2,231	19	2,250	24.7	29.1	24.7	86.5	82.5	86.5
Totals.....	4,488	51	4,539	3,873	47	3,920	21.7	23.7	21.7	88.3	88.1	88.3
Patricia												
Rural.....	140	.....	140	132	.....	132	13.1	.....	13.1	93.3	.....	93.3
Rainy River												
Towns and Villages..	1,023	362	1,385	960	320	1,280	13.4	16.7	14.3	93.1	90.8	92.6
Rural.....	1,704	76	1,780	1,421	68	1,489	25.3	21.2	25.1	86.4	89.0	86.5
Totals.....	2,727	438	3,165	2,381	388	2,769	20.8	17.5	20.4	89.0	90.6	89.2
Sudbury												
City of Sudbury....	2,021	2,588	4,609	1,974	2,449	4,423	14.3	11.6	12.7	93.0	94.0	93.6
Large Suburban.....	897	.....	897	843	.....	843	11.5	.....	11.5	94.0	....	94.0
Towns and Villages..	1,326	723	2,049	1,227	669	1,896	11.8	10.9	11.5	93.9	94.1	94.0
Rural.....	3,051	2,164	5,215	2,658	1,746	4,404	24.2	16.6	21.1	87.1	96.1	90.9
Totals.....	7,295	5,475	12,770	6,702	4,864	11,566	17.7	13.3	15.8	90.9	94.8	92.5
Thunder Bay												
City of Port Arthur..	2,586	679	3,265	2,375	618	2,993	12.0	12.9	12.2	93.6	93.1	93.4
City of Fort William.	3,062	1,148	4,210	2,754	1,050	3,804	14.4	12.0	14.0	92.3	93.1	92.5
Large Suburban.....	179	.....	179	167	.....	167	10.4	.....	10.4	94.5	.....	94.5
Towns and Villages..	268	61	329	257	60	317	8.6	3.4	7.6	95.6	98.2	96.0
Rural.....	3,000	74	3,074	2,584	61	2,645	23.3	16.8	23.2	87.6	90.4	87.7
Totals.....	9,095	1,962	11,057	8,137	1,789	9,926	16.4	12.7	15.8	91.3	93.1	91.6
Timiskaming												
Large Suburban.....	2,374	.....	2,374	2,247	.....	2,247	8.1	.....	8.1	95.8	.....	95.8
Towns and Villages..	1,614	727	2,341	1,474	585	2,059	15.4	14.3	15.1	92.0	91.3	91.8
Rural.....	2,005	1,718	3,723	1,547	1,602	3,149	26.7	11.6	19.7	85.7	91.1	87.7
Totals.....	5,993	2,445	8,438	5,268	2,187	7,455	16.3	12.4	15.2	91.4	91.2	91.3
SUMMARY—												
Cities.....	174,023	50,911	224,934	157,734	47,970	205,704	14.6	13.1	14.3	92.3	93.2	92.5
Large Suburban.....	34,620	.....	34,620	31,772	.....	31,772	13.2	.....	13.2	93.0	.....	93.0
Towns and Villages..	80,681	25,702	106,383	73,330	23,428	96,758	14.5	13.0	14.2	92.4	93.1	92.5
Rural.....	144,273	23,704	167,977	122,882	21,510	144,392	22.2	16.7	21.5	88.1	91.0	88.5
Grand Totals.....	433,597	100,317	533,914	385,718	92,908	478,626	17.0	13.9	16.4	91.0	92.7	91.3
Increase for year.....	.....	.....	.....	.....	.....	.....	.9	.7	.9	.....	.....	.....
Decrease for year.....	7,546	1,863	9,409	11,478	1,751	13,229	.....	.....	.....	.6	.4	.6

ELEMENTARY TEACHERS—SUPPLY AND DEMAND

TABLE 3—STATISTICS OF TEACHING STAFF, AND SUPPLY AND DEMAND FOR TEACHERS, SEPTEMBER, 1942, AS REPORTED BY PUBLIC AND SEPARATE SCHOOL INSPECTORS

	Public Schools				Roman Catholic Separate Schools	All Elementary Schools	Corresponding figures September, 1941
	City Inspectorates	County Inspectorates	District Inspectorates	Total			
1. Total number of teaching positions	3,683	8,444	1,923	14,050	3,114	17,164	17,401
2. Total Number of Teachers by Certificates:							
(a) Regular Classroom Teachers—							
First Class	2,124	5,263	1,085	8,472	1,396	9,868	10,056
Second Class	919	2,686	546	4,151	1,456	5,607	5,883
Third Class	.....	.....	10	10	26	36	83
District	.....	.....	2	2	.....	2	8
Permanent Ungraded	.....	.....	.....	.....	26	26	35
Temporary	.....	168	166	334	124	458	165
On Exchange from outside Ontario	2	.....	1	3	.....	3	7
Total	3,045	8,117	1,810	12,972	3,028	16,000	16,237
(b) Special Full-Time Teachers—							
Music	19	37	12	68	13	81	89
Art	5	4	2	11	1	12	23
Manual Training	85	34	3	122	8	130	133
Home Economics	80	30	2	112	13	125	132
Kindergarten (K.D., K.P., and K.)	284	163	39	486	3	489	463
Auxiliary (all types)	157	42	20	219	30	249	267
Physical Training	7	2	.....	9	1	10	40
Others	1	2	.....	3	11	14	
Total	638	314	78	1,030	80	1,110	1,137
(c) Unfilled Positions	.....	13	35	48	6	54	27
3. Number of Vacancies at Midsummer, 1942	249	3,088	744	3,832	658	4,490	4,012
4. Turnover (Vacancies as a percentage of teaching positions)—1942	6.8	36.6	38.7	27.3	21.1	26.2	.....
—1941	5.5	30.4	35.6	24.4	17.7	23.1	.....
—1940	4.0	23.5	26.9	18.5	11.3	17.3	.....
5. On Leave of Absence—numbers of teachers on leave for at least one year on account of:							
Active Service	126	170	48	344	35	379	175
Other War Work	5	9	11	25	6	31	34
Other Reasons	17	8	12	37	10	47	38
Total	148	187	71	406	51	457	247
6. Teachers leaving the profession during, or at the end of, the school year 1941-42:							
1. To teach in—							
(a) Private Schools	1	2	4	7	18	25	26
(b) Ontario Secondary Schools	11	25	11	47	10	57	62
2. To further training in—							
(a) Teacher Training School	.....	.....	.....	.....	2	2	8
(b) University	.....	24	8	32	5	37	37
(c) Other Schools	.....	4	2	6	2	8	9
3. Civil Service	.....	57	11	68	56	124	115
4. War Work	5	82	28	115	20	135	75
5. Other Occupations	11	137	40	188	48	236	179
6. Active Service	5	201	43	249	38	287	200
7. Superannuated—on account of age	39	24	2	65	7	72	61
—on disability	12	5	2	19	3	22	12
8. Married	149	347	72	568	84	652	803
9. Left the Province	3	4	4	11	10	21	12
10. Poor Health	4	32	3	39	17	56	55
11. Died	14	11	.....	25	6	31	20
12. Unemployed	2	27	1	30	5	35	24
13. Others	1	41	11	53	2	55	50
Totals	257	1,023	242	1,522	333	1,855	1,747
7. Demand—total withdrawing and on leave	405	1,210	313	1,928	384	2,312	1,994
8. Supply—Reduction in number of positions	147	138	.....	249	.....	237	71
Beginners to profession	72	612	81	765	150	915	1,025
Married women re-entering profession	9	516	158	683	59	742	585
From other provinces	.....	30	19	49	22	71	.....
From other sources	.....	.....	.....	.....	.....	347	331
9. Number known unemployed in September	43	80	4	127	10	137	271
10. Number of Married Women still available for full-time teaching	381	204	17	603	45	648	.....
11. Number qualifying as teachers in June	.....	.....	.....	.....	.....	1,035	1,011


SOURCES OF ELEMENTARY TEACHER SUPPLY, 1908-1942
NUMBERS
3,000
2,500
2,000
1,500
1,000
500
0
1909-10
1914-15
1919-20
1924-25
1929-30
1934-35
1939-40
1944-45
LEGEND
Certificates issued by Autumn, Summer, and French-English Models and O.C.E. exclusively elementary teachers.
Elementary school teachers leaving the profession.
Attendance at Normal Schools excluding 2nd year course.
Temporary certificates issued.

Graph 2.

SOURCES OF ELEMENTARY TEACHER SUPPLY, 1908-1942

In 1908 the system of teacher-training in Ontario underwent radical modification. County Model Schools were closed and the issuance of Third Class certificates (save in Provincial Model Schools) was discontinued. Prospective teachers were required to obtain at least Middle School standing and to secure at least a Second Class certificate through attending Normal School for one year.

The following seven years was a period of readjustment. Attendance at the newly instituted Interim Second Class course at Normal Schools did not increase according to expectations. More than one-third of those enrolled were teachers who had temporarily left the profession to proceed to permanent certificates. To meet the resulting shortage in the supply of teachers many temporary certificates were issued (largely to teachers holding expired Third Class certificates) and summer training schools leading to provisional certificates were opened.

In the year 1915-16 in response to a demand for teachers there was a marked increase in attendance at Normal Schools. The trend toward increased enrolments which this movement might in normal times be taken to portend was, however, cut short the following years because of enlistment, conscription and opportunities for war employment. In 1939-40 a similar movement in the direction of increased attendance was likewise rendered abortive because of war emergencies.

Between the years 1916-24, 1927-32, 1937-42 there was a scarcity of teachers as evidenced by the larger issuance of temporary certificates and district certificates from summer Model Schools, by increases in salaries paid to rural school teachers and likewise as a matter of historic record. During the two intervening periods 1924-27, 1932-37 there was a surplus of teachers.

Consideration of the peaks and valleys of the graph on the opposite page would seem to imply that an average annual attendance of 1,500 at the Normal Schools is needed to balance withdrawals from the profession. Making allowance for candidates who fail and for graduates who never enter teaching, an attendance of 1,500 would provide in the neighbourhood of 1,400 active qualified teachers.

It is noted that the valleys 1916-21 and 1927-30 were relatively sharp but that the present valley is broad and threatens to become broader. During the period 1935-42 there has been a total decrease in attendance at Normal School of 2,614 from the 1,500 level. To this must be added a decrease of 500 in the Normal School attendance of 1942-43. During the year 1939-40, 1,662 teachers in elementary schools withdrew from the profession, in the year 1940-41, 1,747, in the year 1941-42, 1,855. Over 2,000 married teachers and teachers from other occupations have re-entered the profession for the time-being while the number of temporary certificates being granted to unqualified teachers is on the increase. On the other hand since 1934 there has been a decline of some 30,000 in the elementary school population and 347 small rural schools have been closed.

The above data invite consideration to two problems:

(1) At the conclusion of the war will the number of teachers returning from war services or war industry be sufficient to replace the number of married and otherwise temporarily employed teachers who retire, or in view of the present cumulative deficiency of 3,100 Normal School attendants (2,300 active teachers) will there occur an acute shortage of teachers followed by emergency measures to supply teachers and an abnormal peak in Normal School attendance?

(2) Would it be feasible to consider a sliding scale of requirements for entry to Normal School in order that abnormal peaks and valleys in attendance, and consequent violent fluctuations in the demand and supply of teachers might be levelled off?

TABLE 4—DISTRIBUTION OF FULL-TIME TEACHERS BY CERTIFICATES, 1941-42

(As reported in "Schools and Teachers")

(A) Rural

Rural Schools	Teachers: Public T.	Public M.	Public F.	Separate T.	Separate M.	Separate F.	Certificates: General: First Class P.	First Class S.	Second Class P.	Second Class S.	Lower than Second Class P.	Lower than Second Class S.	Special*: Kindergarten: Director P.	Kindergarten: Assistant and Primary P.	Kindergarten: Assistant and Primary S.	Manual Training P.	Manual Training S.	Home Economics P.	Home Economics S.	Auxiliary Class P.	Auxiliary Class S.	Art P.	Art S.	Physical Training P.	Physical Training S.	University Graduates P.	University Graduates S.	Music Teachers †
In Counties																												
Brant	78	14	64	....	....	....	47	....	30	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	6
Bruce	161	25	136	16	....	16	114	9	47	7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	12
Carleton	158	26	132	52	6	46	122	21	36	31	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	....	9
Dufferin	82	10	72	....	....	....	57	....	25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3
Dundas	75	24	51	1	1	....	45	....	28	1	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4
Durham	102	22	80	....	....	....	81	....	20	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	7
Elgin	125	18	107	....	....	....	99	....	26	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	14
Essex	162	18	144	55	4	51	111	20	48	35	2	....	....	1	....	....	....	....	....	....	....	....	....	....	....	5	3	13
Frontenac	140	17	123	10	1	9	74	5	56	4	10	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	11
Glengarry	75	8	67	27	2	25	39	11	35	14	1	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3
Grenville	65	9	56	....	....	....	42	....	23	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	8
Grey	219	34	185	8	3	5	124	5	93	3	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	16
Haldimand	82	4	78	....	....	....	62	....	20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4
Haliburton	60	12	48	....	....	....	22	....	35	....	2	....	1	....	....	....	....	....	....	....	....	....	....	....	....	4	....	1
Halton	71	7	64	....	....	....	58	....	13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	8
Hastings	198	36	162	8	3	5	115	5	75	2	8	1	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	12
Huron	189	33	156	11	....	11	150	8	38	3	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	15
Kent	154	14	140	15	3	12	112	10	42	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	12
Lambton	179	24	155	2	....	2	120	2	59	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	10
Lanark	115	11	104	3	....	3	60	....	52	3	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3
Leeds	138	13	125	2	....	2	63	1	73	1	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	1	....	6
Lennox and Addington	112	12	100	2	....	2	68	2	40	....	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	2
Lincoln	106	22	84	....	....	....	81	....	25	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	11
Middlesex	213	27	186	4	1	3	152	2	61	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	14
Norfolk	110	21	89	4	....	4	69	4	40	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	8
Northumberland	113	14	99	4	....	4	80	2	31	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	9
Ontario	148	36	112	2	1	1	114	1	34	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	6
Oxford	129	27	102	....	....	....	102	....	27	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	8
Peel	112	20	92	1	....	1	82	....	28	1	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	4	....	5
Perth	116	21	95	13	....	13	98	8	17	5	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	16
Peterborough	107	27	80	5	....	5	83	2	16	2	7	1	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	10
Prescott	49	4	45	83	6	77	22	10	24	65	3	8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1

TABLE 4—DISTRIBUTION OF FULL-TIME TEACHERS BY CERTIFICATES, 1941-42

(As reported in "Schools and Teachers")

(A) Rural (Continued)

Rural Schools	TEACHERS						CERTIFICATES																					
							General						Special*														University Graduates	Music Teachers †
	Public			Separate			First Class		Second Class		Lower than Second Class		Kindergarten			Manual Training		Home Economics		Auxiliary Class		Art		Physical Training				
													Director	Assistant and Primary														
	T.	M.	F.	T.	M.	F.	P.	S.	P.	S.	P.	S.	P.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.	
Prince Edward	73	14	59	...	...	...	53	...	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
Renfrew	171	24	147	29	1	28	85	16	74	12	12	1	...	...	...	...	...	...	...	...	...	...	...	...	...		1	3
Russell	31	8	23	77	10	67	16	11	15	63	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Simcoe	235	37	198	9	...	9	150	...	83	9	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	18
Stormont	90	10	80	36	...	36	54	21	35	14	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	4
Victoria	107	14	93	3	...	3	76	2	29	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	4
Waterloo	111	32	79	14	1	13	89	8	22	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	8
Welland	161	35	126	...	...	...	118	...	40	...	...	...	...	1	...	1	...	1	...	...	...	...	...	...	...	3	...	10
Wellington	153	26	127	7	...	7	112	4	38	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	9
Wentworth	111	24	87	5	...	5	82	5	29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	2	13
York	837	240	597	51	1	50	573	27	194	24	2	...	4	33	...	9	...	9	...	12	...	...	...	...	...	26	3	11
Totals	6,023	1,074	4,949	559	44	515	4,076	222	1,796	318	72	19	8	36	...	11	...	10	...	13	...	...	...	...	...	77	11	351
In Districts																												
Algoma	108	29	79	7	2	5	53	3	47	4	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	1	8
Cochrane	128	34	94	99	30	69	84	14	38	56	6	29	...	...	...	...	...	...	...	...	...	...	...	...	...	9	5	2
Kenora	47	11	36	1	...	1	39	...	4	1	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Manitoulin	45	13	32	3	...	3	13	3	28	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
Muskoka	90	19	71	2	1	1	49	1	35	1	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	3
Nipissing	73	17	56	54	10	44	32	11	30	33	11	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
Parry Sound	138	38	100	1	1	...	97	1	35	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	4
Patricia	6	3	3	...	...	...	4	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rainy River	73	18	55	4	1	3	39	...	29	4	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Sudbury	151	35	116	80	16	61	68	15	67	53	16	12	...	...	...	...	...	...	...	...	...	...	...	...	...	4	1	11
Thunder Bay	130	29	101	3	1	2	97	2	25	1	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2
Timiskaming	157	38	119	57	8	49	103	25	43	27	5	5	...	...	...	1	...	1	...	2	...	1	...	...	...	6	...	2
Totals	1,146	284	862	311	70	241	678	75	383	180	79	56	...	...	...	1	...	1	...	2	...	1	...	...	...	31	7	43
Totals, Rural	7,169	1,358	5,811	870	114	756	4,754	297	2,179	498	151	75	8	36	...	12	...	11	...	15	...	1	...	...	...	108	18	394

TABLE 4—DISTRIBUTION OF FULL-TIME TEACHERS BY CERTIFICATES, 1941-42
(B) Urban

Urban Schools	TEACHERS						CERTIFICATES																						
							General						Special*														University Graduates		Music Teachers †	
													Kindergarten																
	Public			Separate			First Class		Second Class		Lower than Second Class		Director	Assistant and Primary		Manual Training		Home Economics		Auxiliary Class		Art		Physical Training					
	T.	M.	F.	T.	M.	F.	P.	S.	P.	S.	P.	S.	P.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.
CITIES *In Counties*																													
Belleville	48	10	38	12	1	11	40	8	6	3	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	2	1	....
Brantford	103	15	88	20	....	20	49	8	38	10	....	....	....	9	....	1	1	1	1	4	....	....	....	....	....	6	....	1	....
Chatham	59	6	53	14	....	14	26	5	22	8	....	....	1	5	1	1	....	1	....	2	....	....	....	....	....	4	....	1	....
Galt	47	13	34	7	....	7	12	4	28	3	....	....	....	5	....	....	....	....	....	1	....	....	....	....	....	1	....	1	....
Guelph	64	12	52	21	....	21	42	7	10	14	....	....	....	5	....	1	....	1	....	3	....	....	....	....	....	2	....	1	....
Hamilton	496	88	408	135	14	121	307	66	118	48	....	7	25	9	....	7	3	7	4	17	5	....	....	3	1	78	....	3	1
Kingston	74	16	58	26	1	25	39	10	22	14	....	....	....	7	....	1	....	1	1	3	1	....	....	....	....	8	1	1	....
Kitchener	113	22	91	58	10	48	56	34	30	20	....	....	....	11	....	3	....	3	....	6	....	1	1	1	1	7	8	2	2
London	231	57	174	50	5	45	139	35	44	11	....	....	....	18	....	6	1	6	1	16	1	1	....	1	....	33	....	1	1
Niagara Falls	67	15	52	12	1	11	35	6	24	6	....	....	....	....	....	1	....	1	....	3	....	....	....	2	....	....	....	1	....
Oshawa	90	17	73	14	....	14	45	8	37	6	....	....	....	3	....	1	....	1	....	2	....	....	....	....	....	10	....	1	....
Ottawa	294	82	212	351	79	272	178	178	52	151	....	11	8	12	....	11	2	9	6	21	2	....	....	....	....	84	31	3	1
Owen Sound	54	15	39	4	....	4	29	2	15	1	....	1	4	2	....	1	....	1	....	2	....	....	....	....	....	3	....	....	....
Peterborough	77	18	59	33	....	33	43	19	24	14	....	....	....	6	....	1	....	1	....	1	....	....	....	....	....	5	3	1	....
St. Catharines	90	21	69	20	3	17	45	9	31	11	....	....	5	3	....	1	....	1	....	4	....	....	....	....	....	6	2	....	....
St. Thomas	55	17	38	7	....	7	36	6	15	1	....	....	....	1	....	....	....	....	....	3	....	....	....	....	....	5	....	....	....
Sarnia	67	16	51	15	....	15	45	6	12	9	....	....	1	1	....	2	....	2	....	3	....	....	....	....	....	6	....	1	....
Stratford	58	14	44	12	....	12	31	7	21	5	....	....	1	2	....	1	....	1	....	....	....	....	....	....	....	....	....	1	....
Toronto	1,921	504	1,417	298	31	267	1,063	107	554	172	....	4	83	53	....	51	....	49	....	60	15	....	....	3	....	300	8	5	....
Welland	53	12	41	....	....	....	33	....	15	....	....	....	1	3	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....
Windsor	295	67	228	179	20	159	146	77	105	90	....	7	1	25	....	3	1	3	2	11	2	....	....	....	....	41	2	1	....
Woodstock	42	10	32	4	....	4	25	4	4	....	....	....	....	8	....	1	....	1	....	2	....	....	....	....	....	....	....	1	....
Totals	4,398	1,047	3,351	1,292	165	1,127	2,464	606	1,227	597	....	30	130	189	1	94	8	90	16	164	26	2	1	10	2	600	57	28	5

TABLE 4—DISTRIBUTION OF FULL-TIME TEACHERS BY CERTIFICATES, 1941-42
(B) Urban (Continued)

Urban Schools	TEACHERS						CERTIFICATES																							
							General						Special*														University Graduates		Music Teachers †	
	Public			Separate			First Class		Second Class		Lower than Second Class		Kindergarten Director	Kindergarten Assistant and Primary		Manual Training		Home Economics		Auxiliary Class		Art		Physical Training					
	T.	M.	F.	T.	M.	F.	P.	S.	P.	S.	P.	S.	P.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.
In Districts																														
Fort William	93	22	71	28	....	28	55	20	20	8	....	....	.....	13	...	...	...	...	...	4	...	...	...	...	...	8	...	1	...
North Bay	42	10	32	37	1	36	32	22	5	15	....	....	1	....	...	...	...	...	...	4	...	...	...	...	...	2	...	....	...
Port Arthur	74	16	58	18	....	18	61	7	7	9	....	2	.....	1	...	...	...	...	...	2	...	...	...	...	...	9	...	3	...
Sault Ste. Marie	79	18	61	32	....	32	40	15	27	16	....	1	.....	8	...	...	...	...	...	3	...	...	...	...	...	2	...	1	...
Sudbury	58	7	51	75	10	65	44	32	14	39	....	.. 2	.....	....	...	...	...	...	...	....	2	...	...	...	...	4	2	....	...
Totals	346	73	273	190	11	179	232	96	73	87	....	5	1	22	...	...	...	...	...	13	2	...	...	...	...	25	2	5	...
Totals—Cities	4,744	1,120	3,624	1,482	176	1,306	2,696	702	1,300	684	....	35	131	211	1	94	8	90	16	177	28	2	1	10	2	625	59	33	5
Towns	1,663	364	1,299	700	52	648	960	283	604	392	4	23	5	65	...	5	...	6	1	6	...	1	...	...	...	35	18	7	1
Villages	648	191	457	66	1	65	409	30	219	34	3	2	.....	13	...	2	...	1	...	1	...	...	...	...	...	23	2	....	...
Totals—Urban	7,055	1,675	5,380	2,248	229	2,019	4,065	1,015	2,123	1,110	7	60	136	289	1	101	8	97	17	184	28	3	1	10	2	683	79	40	6
Rural	7,169	1,369	5,800	870	114	756	4,754	297	2,179	498	151	75	8	36	...	12	...	11	...	15	...	1	...	...	...	108	18	394	
Grand Totals	14,224	3,033	11,191	3,118	343	2,775	8,819	1,312	4,302	1,608	158	135	144	325	1	113	8	108	17	199	28	4	1	10	2	791	97	440	
Increase for year	.....	.....	329	17	....	39	314	344	.....	.....	126	8	2	....	...	7	2	21	9	4	6	...	...	...	...	....	...	.....	
Decrease for year	202	531	.....	.....	22	.....	.....	.....	686	343	....	....	.....	8	1	...	...	...	...	....	...	2	...	...	...	....	...	.....	

T.—Total. M.—Male. F.—Female. P.—Public. S.—Separate.

*Special certificates are listed only where teacher devotes whole time to that subject.

†Music Teachers—Excludes many regular classroom teachers who also teach music. In cities and towns only full-time teachers are indicated. All part-time and itinerant teachers are classified according to county of domicile, and, since they may teach in both Public and Separate schools, no distinction is made.

TABLE 5—TEACHERS AND SALARIES, 1941-42

RURAL SCHOOLS	Public Schools							Separate Schools						
	Teachers			Average Salaries		Increase in Average Salary over 1940-41		Teachers			Average Salaries		Increase in Average Salary over 1940-41	
	Total	Male	Female	Male	Female	Male	Female	Total	Male	Female	Male	Female	Male	Female
				$	$	$	$				$	$	$	$
In Counties														
Brant (a)	71	12	59	990	850	93	62	...	...	...	...	...	...	...
(b)	7	2	5	1,397	1,075	122	75	...	...	...	...	...	...	...
Bruce	161	25	136	873	806	85	65	16	...	16	...	819	...	−8
Carleton (a)	131	17	114	1,154	846	124	97	52	6	46	925	745	25	40
(b)	27	9	18	1,805	1,097	155	−11	...	...	...	...	...	...	...
Dufferin	82	10	72	868	813	104	80	...	...	...	...	...	...	...
Dundas	75	24	51	859	774	90	55	1	1	...	700	...	...	...
Durham	102	22	80	903	802	100	86	...	...	...	...	...	...	...
Elgin	125	18	107	891	799	92	67	...	...	...	...	...	...	...
Essex (a)	136	13	123	977	889	80	52	55	4	51	825	814	38	22
(b)	26	5	21	1,320	873	−50	1	...	...	...	...	...	...	...
Frontenac	140	17	123	874	773	99	82	10	1	9	950	716	...	72
Glengarry	75	8	67	903	829	111	79	27	2	25	875	807	100	−18
Grenville	65	9	56	789	793	89	87	...	...	...	...	...	...	...
Grey	219	34	185	968	804	183	77	8	3	5	750	790	32	107
Haldimand	82	4	78	913	809	80	60	...	...	...	...	...	...	...
Haliburton	60	12	48	918	779	134	75	...	...	...	...	...	...	...
Halton	71	7	64	1,071	863	184	40	...	...	...	...	...	...	...
Hastings	198	36	162	927	800	95	78	8	3	5	762	764	45	89
Huron	189	33	156	902	810	−35	75	11	...	11	...	923	...	88
Kent	154	14	140	966	856	74	60	15	3	12	967	787	−48	140
Lambton	179	24	155	905	793	83	63	2	...	2	...	800	...	...
Lanark	115	11	104	843	773	76	77	3	...	3	...	690	...	55
Leeds	138	13	125	819	775	88	71	2	...	2	...	550	...	50
Lennox and Addington	112	12	100	781	760	65	90	2	...	2	...	825	...	...
Lincoln (a)	98	20	78	1,214	892	161	39	...	...	...	...	...	...	...
(b)	8	2	6	1,588	958	−12	16	...	...	...	...	...	...	...
Middlesex	213	27	186	969	806	121	62	4	1	3	600	742	...	192
Norfolk	110	21	89	938	830	83	62	4	...	4	...	1,050	...	...
Northumberland	113	14	99	921	803	98	71	4	...	4	...	665	...	90
Ontario (a)	138	32	106	918	814	75	78	2	1	1	1,050	850	150	150
(b)	10	4	6	1,037	983	50	100	...	...	...	...	...	...	...
Oxford	129	27	102	983	850	83	86	...	...	...	...	...	...	...
Peel (a)	98	17	81	1,121	878	120	62	1	...	1	...	700	...	25
(b)	14	3	11	1,400	864	−33	−31	...	...	...	...	...	...	...
Perth	116	21	95	888	821	80	62	13	...	13	...	906	...	33
Peterborough (a)	97	25	72	892	802	97	79	5	...	5	...	720	...	115
(b)	10	2	8	1,350	994	75	31	...	...	...	...	...	...	...
Prescott	49	4	45	950	787	165	67	83	6	77	884	660	51	11
Prince Edward	73	14	59	926	783	116	81	...	...	...	...	...	...	...
Renfrew	171	24	147	869	782	124	79	29	1	28	1,000	842	...	24
Russell	31	8	23	906	800	82	94	77	10	67	835	665	44	15
Simcoe	235	37	198	934	826	102	70	9	...	9	...	800	...	11

TABLE 5—TEACHERS AND SALARIES, 1941-42

RURAL SCHOOLS	Public Schools							Separate Schools						
	Teachers			Average Salaries		Increase in Average Salary over 1940-41		Teachers			Average Salaries		Increase in Average Salary over 1940-41	
	Total	Male	Female	Male	Female	Male	Female	Total	Male	Female	Male	Female	Male	Female
In Counties				$	$	$	$				$	$	$	$
Stormont	90	10	80	925	789	57	59	36	.....	36	.....	792	.....	33
Victoria	107	14	93	953	791	107	101	3	.....	3	.....	783	33	.....
Waterloo	111	32	79	1,029	866	88	69	14	1	13	1,000	758	150	20
Welland (a)	86	16	70	1,069	912	99	75	.....	.....	.....	.....	.....	.....	.....
(b)	75	19	56	1,543	1,144	49	74	.....	.....	.....	.....	.....	.....	.....
Wellington	153	26	127	953	813	100	57	7	.....	7	.....	736	.....	69
Wentworth (a)	104	22	82	1,119	875	100	65	5	.....	5	.....	440	.....	.....
(b)	7	2	5	1,225	950	−25	47	.....	.....	.....	.....	.....	.....	.....
York (a)	197	55	142	1,028	769	43	84	51	1	50	1,425	973	.....	10
(b)	640	185	455	1,615	1,292	31	9	.....	.....	.....	.....	.....	.....	.....
Totals and Averages (a)	5,199	841	4,358	947	814	87	64	559	44	515	873	773	50	28
(b)	824	233	591	1,590	1,240	40	20	.....	.....	.....	.....	.....	.....	.....
Totals and Averages (a) and (b)	6,023	1,074	4,949	1,086	863	104	56	.....	.....	.....	.....	.....	.....	.....
In Districts														
Algoma	108	29	79	1,052	838	123	92	7	2	5	975	975	−225	75
Cochrane (a)	83	25	58	1,232	951	58	74	99	30	69	911	858	30	87
(b)	47	9	36	1,999	1,449	154	72	.....	.....	.....	.....	.....	.....	.....
Kenora	47	11	36	1,246	950	74	40	1	.....	1	.....	1,000	.....	.....
Manitoulin	45	13	32	998	822	130	57	3	.....	3	.....	850	.....	25
Muskoka	90	19	71	999	848	128	60	2	1	1	1,150	850	50	150
Nipissing	73	17	56	1,051	873	151	55	54	10	44	861	866	32	41
Parry Sound (a)	131	35	96	1,007	851	92	65	1	1	.....	1,000	.....	200	.....
(b)	7	3	4	1,400	963	−33	13	.....	.....	.....	.....	.....	.....	.....
Patricia	6	3	3	1,450	1,317	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rainy River	73	18	55	1,078	828	119	42	4	1	3	1,000	933	.....	.....
Sudbury (a)	125	32	93	1,207	909	179	7	80	16	64	1,061	908	83	29
(b)	26	3	23	1,697	1,141	164	156	.....	.....	.....	.....	.....	.....	.....
Timiskaming (a)	84	22	62	1,082	837	117	33	57	8	49	1,325	1,045	220	57
(b)	73	16	57	1,814	1,273	79	69	.....	.....	.....	.....	.....	.....	.....
Thunder Bay (a)	126	27	97	1,087	886	55	31	3	1	2	1,300	1,010	167	.....
(b)	6	2	4	1,375	988	25	44	.....	.....	.....	.....	.....	.....	.....
Totals and Averages (a)	989	251	738	1,095	872	117	50	311	70	241	1,001	914	66	38
(b)	157	33	124	1,802	1,281	95	54	.....	.....	.....	.....	.....	.....	.....
Totals and Averages (a) and (b)	1,146	284	862	1,181	931	136	45	.....	.....	.....	.....	.....	.....	.....
Totals and Averages, All Rural, (a)	6,188	1,092	5,096	981	823	93	63	870	114	756	951	820	61	34
(b)	981	266	715	1,618	1,248	48	26	.....	.....	.....	.....	.....	.....	.....
Grand Totals and Averages, (a) and (b)	7,169	1,358	5,811	1,106	873	110	55	.....	.....	.....	.....	.....	.....	.....

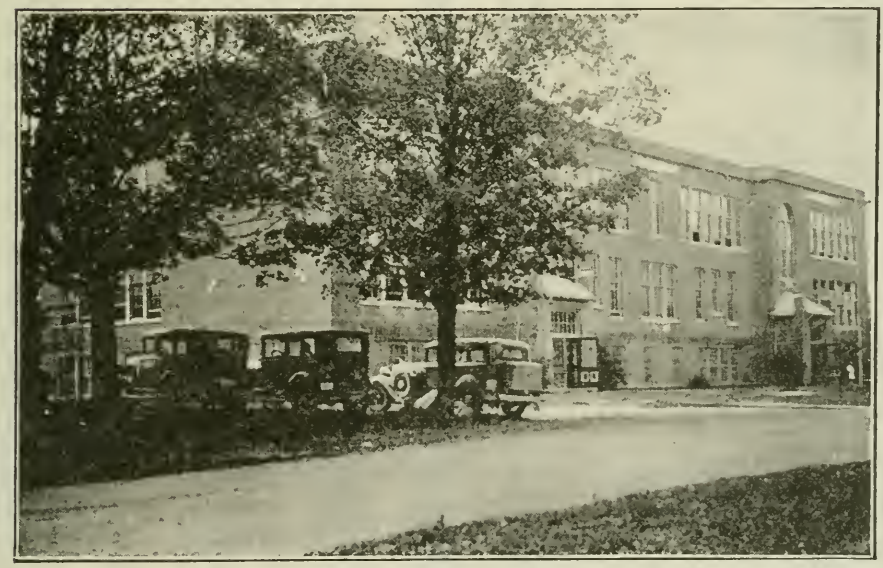
(a) Ordinary size rural schools. (b) Large suburban and semi-urban schools. — Decrease.

TABLE 5—TEACHERS AND SALARIES, 1941-42

Cities	Public Schools							Separate Schools				
	Teachers			Average Salaries				Teachers			Average Salaries	
	Total	Male	Female	Principal	All Male Teachers	Male Assistants	Female Teachers	Total	Male	Female	Male	Female
In Counties				$	$	$	$				$	$
Belleville	48	10	38	2,250	1,805	1,508	1,117	12	1	11	730	592
Brantford	103	15	88	2,250	1,993	1,480	1,423	20	.....	20	.....	718
Chatham	59	6	53	2,600	1,870	1,685	1,346	14	.....	14	.....	482
Galt	47	13	34	1,925	1,346	1,171	1,169	7	.....	7	.....	700
Guelph	64	12	52	1,821	1,556	1,292	1,208	21	.....	21	.....	698
Hamilton	496	88	408	2,884	2,003	1,576	1,418	135	14	121	1,223	573
Kingston	74	16	58	2,183	1,618	1,280	1,378	26	1	25	2,300	565
Kitchener	113	22	91	2,550	1,900	1,596	1,209	58	10	48	818	738
London	231	57	174	2,631	2,069	1,773	1,367	50	5	45	990	584
Niagara Falls	67	15	52	2,356	1,827	1,381	1,390	12	1	11	1,300	1,057
Oshawa	90	17	73	2,221	1,623	1,203	1,231	14	.....	14	.....	705
Ottawa	294	82	212	3,277	2,339	2,023	1,809	351	79	272	863	681
Owen Sound	54	15	39	2,110	1,500	1,189	1,122	4	.....	4	.....	575
Peterborough	77	18	59	2,583	2,153	1,771	1,585	33	.....	33	.....	556
St. Catharines	90	21	69	2,372	1,979	1,683	1,256	20	3	17	1,200	871
St. Thomas	55	17	38	2,079	1,713	1,458	1,222	7	.....	7	.....	683
Sarnia	67	16	51	2,368	1,950	1,625	1,455	15	.....	15	.....	588
Stratford	58	14	44	2,114	1,446	1,090	1,274	12	.....	12	.....	650
Toronto	1,921	504	1,417	3,583	2,822	2,659	1,928	298	31	267	1,150	926
Welland	53	12	41	1,967	1,654	1,342	1,293	.....	.....	.....	.....	.....
Windsor	295	67	228	2,930	1,975	1,564	1,475	179	20	159	1,100	709
Woodstock	42	10	32	1,850	1,665	1,480	1,068	4	.....	4	.....	725
Totals and Averages	4,398	1,047	3,351	2,832	2,367	2,190	1,626	1,292	165	1,127	993	726
In Districts												
Fort William	93	22	71	2,797	2,005	1,552	1,378	28	.....	28	.....	811
North Bay	42	10	32	2,380	1,965	1,550	1,357	37	1	36	1,200	779
Port Arthur	74	16	58	2,269	1,877	1,357	1,391	18	.....	18	.....	733
Sault Ste. Marie	79	18	61	2,009	1,713	1,354	1,316	32	.....	32	.....	733
Sudbury	58	7	51	2,170	2,031	1,200	1,132	75	10	65	1,320	946
Totals and Averages	346	73	273	2,312	1,902	1,474	1,318	190	11	179	1,309	815
Totals and Averages—All Cities	4,744	1,120	3,624	2,771	2,337	2,158	1,603	1,482	176	1,306	1,013	736
—All Towns	1,663	364	1,299	1,728	1,500	1,200	1,041	700	52	648	1,087	772
—All Villages	648	191	457	1,226	1,217	988	898	66	1	65	1,400	838
Totals and Averages—All Urban	7,055	1,675	5,380	2,117	2,043	1,941	1,407	2,248	229	2,019	1,031	751
Grand Totals (Urban and Rural)	14,224	3,033	11,191	.....	1,623	.....	1,130	3,118	343	2,775	1,004	770
Increases over 1940-41	−7	−443	436	53	141	48	21	2	−30	32	23	12

− Decrease.

Drumbo Continuation School after beautification of grounds.



Courtesy Canadian School Journal

Port Perry High School

For 26 years this school has specialized in Agricultural training and Home Economics. Twenty-five percent of the instruction in the first two years is devoted to these sources. Both boys and girls are trained to meet the problems of rural life, with the result that the majority make agriculture their vocation.

TABLE 6—HIGH SCHOOL ENTRANCE EXAM-

(A) Public Schools of the City Inspectorates	May Enrolment, Grades I-VIII (inclus.)	High School Entrance Candidates	Recommended Candidates		Writing Candidates		
			Number	Per cent.	Number	Number successful	Per cent. successful
1 Brantford	3,220	397	291	73.3	106	46	43.4
2 Chatham	1,703	211	179	84.8	No wri	ting can	didates
3 Hamilton	16,419	1,603	1,330	83.0	273	156	57.1
4 Kitchener	3,079	338	227	67.1	111	68	61.3
5 London	7,164	810	490	60.5	320	206	64.4
6 Ottawa	8,049	1,137	838	73.7	299	184	61.5
7 Peterborough	2,348	211	175	82.9	36	18	50.0
8 St. Catharines	2,916	310	226	72.9	84	48	57.1
9 Sarnia	2,147	281	243	86.5	No wri	ting can	didates
10 Toronto	64,011	7,658	5,645	73.7	2,013	864	42.9
11 Welland	1,530	180	124	68.9	56	33	58.9
12 Windsor	9,500	1,187	881	74.2	306	176	57.5
Totals and Averages (A)	122,086	14,323	10,649	74.3	3,604	1,799	49.9
(B) Public Schools of the County Inspectorates							
1 Brant and Norfolk (in part)	3,014	285	142	49.7	143	63	44.0
2 Bruce East, Grey (in part), Huron (in part)	2,314	250	126	50.4	124	85	68.5
3 Bruce West	2,436	321	167	52.0	154	103	66.9
4 Carleton	4,319	537	341	63.5	196	123	62.8
5 Dufferin	1,869	234	175	74.8	59	30	50.9
6 Dundas	2,057	250	59	23.6	191	137	71.7
7 Durham (in part) and City of Oshawa	4,872	664	335	50.4	329	264	80.2
8 Elgin, City of St. Thomas	5,537	651	511	78.5	140	73	52.1
9 Essex No. 1	4,200	503	133	26.4	370	296	80.0
10 Essex No. 2	3,090	312	213	68.3	99	73	73.7
11 Frontenac North and Addington	1,384	129	70	54.3	59	31	52.5
12 Frontenac South and Lennox (in part)	2,072	181	70	38.7	111	75	67.6
13 Frontenac South and City of Kingston	3,137	350	195	55.8	155	127	82.0
14 Glengarry (in part) and Prescott (in part)	1,782	171	90	52.6	81	43	53.1
15 Grey East	2,172	267	102	38.2	165	118	71.5
16 Grey North and Bruce North	3,418	360	249	69.2	111	61	55.0
17 Grey South	2,671	261	124	47.6	137	89	64.8
18 Haldimand	2,876	342	133	38.9	209	122	58.4
19 Halton	3,445	413	296	71.7	117	82	70.1
20 Hastings, Centre	3,534	211	156	74.2	55	30	54.1
21 Hastings North	1,658	146	68	46.6	78	49	62.9
22 Hastings South and City of Belleville	3,027	437	281	64.3	156	90	57.4
23 Huron North	2,140	261	137	52.5	124	73	58.9
24 Huron South	2,557	342	208	60.9	134	95	70.9
25 Kent	6,070	600	329	54.8	271	168	61.9
26 Lambton West	2,727	307	107	34.9	200	116	58.0
27 Lambton East	2,240	293	80	27.3	213	128	60.1
28 Lanark	3,984	594	272	45.8	322	246	76.5
29 Leeds and Grenville	6,219	615	278	45.2	337	200	59.3
30 Lennox and Hastings South (in part)	1,768	187	100	53.5	87	54	62.1
31 Lincoln	3,908	444	337	75.9	107	55	51.3
32 Middlesex East	2,902	339	199	58.7	140	80	57.1
33 Middlesex West	2,495	332	140	42.2	192	157	81.8
34 Norfolk (in part)	4,035	410	240	58.5	170	123	72.3
35 Northumberland and Durham (Nos. 1 and 2)	5,471	639	344	53.8	295	183	62.0
36 Ontario North and York (in part)	2,340	275	140	50.9	135	88	65.2
37 Ontario South	2,910	309	198	64.1	111	79	71.2
38 Oxford North and City of Woodstock	3,149	332	214	64.4	118	92	78.0
39 Oxford South and Norfolk (in part)	3,436	392	279	71.2	113	53	46.9
40 Peel	3,911	471	183	38.8	288	208	72.2
41 Perth, North and Wellington (in part)	2,974	365	220	60.3	145	101	69.6
42 Perth South	3,074	333	202	60.6	131	101	77.4
43 Peterborough East	1,893	223	114	51.1	109	60	55.0
44 Peterborough West and Victoria East	2,453	252	150	59.5	102	74	72.5
45 Prescott and Russell	1,908	214	40	18.5	174	107	61.4
46 Prince Edward	2,151	233	125	53.6	108	49	45.4
47 Renfrew	5,606	621	183	29.5	438	319	72.8
48 Simcoe Centre	2,893	340	203	59.6	137	68	49.4
49 Simcoe East and Muskoka (in part)	3,464	351	160	45.6	191	126	65.9
50 Simcoe North and Kent (in part)	981	66	43	65.1	23	9	39.1
51 Simcoe South and York (in part)	2,240	266	142	53.4	124	69	55.6
52 Simcoe West and Grey (in part)	2,178	259	144	55.6	115	74	64.3
53 Stormont	3,151	321	86	26.8	235	188	80.0
54 Victoria West	1,486	187	91	48.7	96	35	36.4
55 Waterloo No. 1	3,267	368	294	79.9	74	48	64.9
56 Waterloo No. 2	3,475	392	341	87.0	51	31	60.3
57 Welland East	4,329	523	398	76.1	125	64	51 2
58 Welland South	4,192	451	289	64.1	162	111	68.5
59 Welland and Lincoln (in part)	2,617	263	131	49.8	132	80	60.6

INATION RESULTS BY INSPECTORATES, 1941

	Successful Candidates											
	Total Number Successful	Per cent. of Total Applicants	Per cent. of May Enrolment	Average Age		Destination						
						Secondary School		Grade IX Elementary School		Retired from School		
				Years	Mos.	No.	Per cent.	No.	Per cent.	No.	Per cent.
1	337	84.9	10.5	13	10	276	81.9	.....	.....	61	18.1
2	179	84.8	10.5	13	8	165	92.2	.....	.....	14	7.8
3	1,486	92.7	9.1	13	11	1,380	92.9	.....	.....	106	7.1
4	295	87.3	9.5	13	7	81	27.5	194	65.8	20	6.7
5	696	85.9	9.7	13	8	658	94.5	.....	.....	38	5.5
6	1,022	89.9	12.7	13	11	968	94.7	.....	.....	54	5.3
7	193	91.5	8.2	14	2	162	83.9	.....	.....	31	16.1
8	274	88.4	9.4	13	5	244	89.1	2	.7	28	10.2
9	243	86.5	11.3	13	10	230	94.6	.....	.....	13	5.4
10	6,509	85.0	10.2	14	..	5,543	85.1	630	9.7	336	5.2
11	157	87.2	10.3	13	9	127	80.9	.....	.....	30	19.1
12	1,057	89.0	11.1	13	5	916	86.7	82	7.7	59	5.6
	12,448	86.9	10.2	14	..	10,750	86.4	908	7.3	790	6.3
1	205	71.9	6.8	13	10	142	69.3	6	2.9	57	27.8
2	211	84.4	9.1	13	8	137	64.9	15	7.1	59	28.0
3	270	84.1	11.1	14	..	204	75.6	23	8.5	43	15.9
4	464	86.4	10.7	13	6	442	95.2	7	1.6	15	3.2
5	205	87.6	11.0	13	9	130	63.4	27	13.1	48	23.5
6	196	78.4	9.5	13	6	163	83.2	4	2.0	29	14.8
7	599	90.2	12.3	14	1	448	74.8	13	2.2	138	23.0
8	584	89.8	10.5	14	1	486	83.2	14	2.5	84	14.3
9	429	85.3	10.2	13	11	271	63.2	121	28.2	37	8.6
10	286	91.7	9.2	14	3	219	76.6	5	1.7	62	21.7
11	101	78.3	7.3	13	11	47	46.5	28	27.7	26	25.8
12	145	80.1	7.0	13	11	100	69.0	10	6.9	35	24.1
13	322	92.0	10.3	14	1	278	83.7	13	3.9	31	9.4
14	133	77.8	7.5	13	10	88	66.2	15	11.3	30	22.5
15	220	82.4	10.1	13	7	145	65.9	15	6.8	60	27.3
16	310	86.1	9.0	14	3	241	77.7	19	6.1	50	16.2
17	213	81.6	8.0	13	9	159	74.6	12	5.6	42	19.8
18	255	74.6	8.9	13	7	211	82.7	16	6.3	28	10.9
19	378	91.5	11.0	13	10	311	82.3	5	1.3	62	16.4
20	186	88.1	5.3	14	1	109	58.6	25	13.4	52	28.0
21	117	80.1	7.1	14	2	42	35.9	34	29.0	41	35.1
22	371	84.8	12.3	14	2	300	80.7	3	1.0	68	18.3
23	210	80.4	9.8	13	9	143	68.1	19	9.0	48	22.9
24	303	88.6	11.8	13	10	197	65.0	48	15.8	58	19.2
25	497	82.8	8.2	13	10	381	76.6	11	2.3	105	21.1
26	223	72.6	8.2	13	11	175	78.5	14	6.2	34	15.3
27	208	71.0	9.3	13	8	159	76.4	12	5.8	37	17.8
28	518	87.2	13.2	13	8	432	83.4	14	2.7	72	13.9
29	478	77.8	7.6	13	11	377	78.9	20	4.2	81	16.9
30	154	82.3	8.7	13	10	119	77.3	10	6.5	25	16.2
31	392	88.3	10.0	13	11	271	69.1	69	17.6	52	13.3
32	279	82.3	9.6	13	1	235	84.2	19	6.8	25	9.0
33	297	89.4	11.9	13	10	236	79.5	12	4.0	49	16.5
34	363	88.5	9.0	14	..	267	73.5	15	4.1	81	22.4
35	527	82.5	9.6	13	11	394	74.8	32	6.0	101	19.2
36	228	82.9	9.7	13	9	165	72.4	6	2.6	57	25.0
37	277	89.6	9.5	13	11	223	80.5	.....	.....	54	19.5
38	306	92.2	9.7	13	7	241	78.7	9	3.0	56	18.3
39	332	84.7	9.7	13	10	251	75.6	13	3.9	68	20.5
40	391	83.0	10.0	14	6	320	81.8	8	2.1	63	16.1
41	321	83.0	10.7	13	7	169	52.6	19	6.0	133	41.4
42	303	91.1	9.9	13	7	248	81.8	3	1.0	52	17.2
43	174	78.0	9.2	13	10	107	61.5	25	14.4	42	24.1
44	224	88.9	9.1	13	10	158	70.5	17	7.6	49	21.9
45	147	68.5	7.7	13	9	105	71.4	21	14.3	21	14.3
46	174	74.7	8.0	13	11	96	55.2	9	5.2	69	39.6
47	502	80.8	9.0	13	11	308	61.3	61	12.2	133	26.5
48	271	79.6	9.3	14	1	224	82.6	12	4.5	35	12.9
49	286	81.5	8.3	14	1	218	76.2	21	7.3	47	16.4
50	52	78.6	5.3	14	3	41	78.8	1	2.0	10	19.2
51	211	79.3	9.4	13	10	171	81.0	6	2.9	34	16.1
52	218	84.2	10.0	13	10	146	67.0	20	9.2	52	23.8
53	274	85.3	8.7	13	10	210	76.6	23	8.4	41	15.0
54	126	67.4	8.4	14	1	82	65.1	23	18.2	21	16.7
55	342	92.9	10.5	13	7	153	44.7	82	24.0	107	31.3
56	372	94.8	10.7	13	9	268	72.0	24	6.4	80	21.6
57	462	88.3	10.7	14	..	424	91.8	.....	.....	38	8.2
58	400	88.7	9.5	13	11	359	89.8	1	.2	40	10.0
59	211	80.2	8.1	13	10	162	76.8	.....	.....	49	23.2

TABLE 6—HIGH SCHOOL ENTRANCE EXAM-

(B) Public Schools of the County Inspectorates	May Enrolment, Grades I-VIII (inclus.)	High School Entrance Candidates	Recommended Candidates		Writing Candidates		
			Number	Per cent.	Number	Number successful	Per cent. successful
60 Wellington North	2,704	334	102	30.5	232	147	63.4
61 Wellington South	3,682	461	306	66.3	155	118	75.8
62 Wentworth	4,810	542	304	56.1	238	137	57.5
63 York No. 1	4,170	498	279	56.0	219	150	68.5
64 York No. 2	6,251	706	421	59.7	285	202	70.8
65 York Nos. 3 and 4	10,784	1,356	936	69.0	420	241	57.4
66 York No. 5	7,081	860	585	68.0	275	178	64.7
67 York No. 6	5,927	667	312	46.8	355	241	67.9
Totals and Averages (B)	226,887	25,879	14,422	55.7	11,447	7,490	65.4
(C) Public Schools of the District Inspectorates							
1 Division No. I	3,228	385	122	31.7	263	185	70.3
2 " " II	2,590	409	181	44.3	228	136	60.1
3 " " III	3,649	471	395	83.9	76	41	53.9
4 " " IV	4,321	462	269	58.2	193	120	62.2
5 " " V	4,073	426	306	71.8	120	47	39.2
6 " " VI	3,335	426	147	34.6	279	155	55.3
7 " " VII	5,042	433	268	61.6	165	91	55.1
8 " " VIII	2,224	297	118	39.9	179	103	57.6
9 " " IX	1,811	188	82	43.6	106	58	54.7
10 " " X	4,658	526	326	62.0	200	129	64.7
11 " " XI	3,546	329	187	56.8	142	103	72.8
12 " " XII	2,699	320	140	43.9	180	112	62.0
13 " " XIII (Part 1)	3,056	342	172	50.3	170	123	72.3
14 " " XIII (Part 2)	526	27	.....	.....	27	16	59.3
15 " " XIV	2,127	308	148	48.0	160	96	60.0
16 " " XV	2,293	210	133	63.3	70	42	60.0
17 " " XVI	1,949	253	140	55.3	113	63	55.7
18 " " XVII	1,575	162	47	29.0	115	60	52.2
Totals and Averages (C)	52,702	5,974	3,181	53.2	2,786	1,680	60.3
(D) Roman Catholic Separate School Inspectorates							
1 Divsion No. I	3,742	376	281	74.7	95	47	49.5
2 " " II	4,260	186	94	50.4	92	50	54.3
3 " " III	2,186	207	52	25.2	155	91	58.4
4 " " IV	3,197	186	50	26.9	136	54	39.7
5 " " V	4,513	201	64	31.8	137	99	72.3
6 " " VI	6,024	247	131	53.1	116	86	74.1
7 " " VII	3,849	438	288	65.7	150	95	63.3
8 " " VIII	5,303	571	369	64.6	202	133	65.8
9 " " IX	3,627	299	157	52.5	142	77	54.2
10 " " X	3,431	306	204	66.7	102	48	47.1
11 " " XI	3,902	403	229	56.8	174	117	67.2
12 " " XII	4,914	483	370	76.6	113	62	54.9
13 " " XIII	4,670	528	387	73.3	141	56	39.7
14 " " XIV, XV, XVI	16,311	1,681	1,257	74.8	424	194	45.7
15 " " XVII	3,677	356	181	50.8	175	119	68.0
16 " " XVIII	2,973	272	116	42.7	156	129	82.7
17 " " XIX	4,195	395	240	60.8	155	91	58.6
18 " " XX	4,465	454	309	68.1	145	100	68.9
19 " " XXI	4,289	358	201	56.1	157	115	73.5
20 " " XXII	3,261	231	74	32.0	157	118	75.0
21 " " XXIII	2,628	198	50	25.3	148	77	52.0
22 " " XXIV	3,024	166	31	18.6	135	82	60.7
Totals and Averages (D)	98,441	8,542	5,135	60.1	3,407	2,040	59.9
Grand Totals	500,116	54,718	33,387	61.0	21,244	13,009	61.3
Increases for the year	.....	.....	453	2.5	.....	.....	.1
Decreases for the year	4,523	1,616	.....	.....	2,115	1,292	.....

SUMMARY

(This includes results of candidates from private sources)

Enrolment Grade VIII on the last school day in May, 1941		57,801
Number of High School Entrance Candidates:—		
Recommended by Principal on Group II	33,780	
Number taking written test on Group II	21,475	
		55,255
High School Entrance candidate percentage of 1941 Grade VIII Enrolment		95.60%

INATION RESULTS BY INSPECTORATES, 1941

	Successful Candidates											
	Total Number Successful	Per cent. of Total Applicants	Per cent. of May Enrolment	Average Age		Destination						
						Secondary School		Grade IX Elementary School		Retired from School		
				Years	Mos.	No.	Per cent.	No.	Per cent.	No.	Per cent.
60	249	74.5	9.2	13	8	209	83.9	12	4.9	28	11.2
61	424	91.9	11.5	13	11	309	72.9	27	6.4	88	20.7
62	441	81.3	9.1	13	10	317	71.9	42	9.5	82	18.6
63	429	86.1	10.3	13	11	321	74.8	11	2.6	97	22.6
64	623	88.2	10.0	14	1	548	87.9	.....	.....	75	12.1
65	1,177	86.8	10.9	13	8	1,095	93.0	4	.4	78	6.6
66	763	88.7	10.8	14	4	648	84.9	23	3.1	92	12.0
67	563	84.4	9.5	13	5	448	79.6	68	12.1	47	8.3
	21,922	84.7	9.7	13	11	16,803	76.7	1,316	6.0	3,803	17.3
1	307	79.7	9.5	14	3	214	69.7	76	24.7	17	5.6
2	317	77.7	12.2	14	2	218	68.8	71	22.4	28	8.8
3	436	92.6	11.9	13	11	395	90.6	22	5.0	19	4.4
4	389	84.1	9.0	14	4	129	33.2	170	43.7	90	23.1
5	353	82.9	8.7	13	10	283	80.2	28	7.9	42	11.9
6	302	70.8	9.0	14	3	212	70.2	49	16.2	41	13.6
7	359	82.9	7.1	13	9	272	75.8	41	11.4	46	12.8
8	221	74.5	9.9	14	..	106	48.0	60	27.1	55	24.9
9	140	74.5	7.7	14	1	87	62.1	31	22.1	22	15.8
10	455	86.5	9.8	14	3	412	90.5	5	11.0	38	8.3
11	290	88.2	8.2	14	5	247	85.2	20	6.9	23	7.9
12	252	78.7	9.4	14	1	193	76.5	32	12.7	27	10.8
13	295	86.2	9.6	14	..	195	66.1	55	18.6	45	15.3
14	16	59.3	3.0	14	1	2	12.5	10	62.5	4	25.0
15	244	79.2	11.5	14	..	154	63.1	44	18.0	46	18.9
16	175	83.3	7.6	13	9	100	57.1	59	33.7	16	9.2
17	203	80.2	10.4	14	3	136	67.0	40	19.7	27	13.3
18	107	66.0	6.8	13	11	50	46.7	37	34.6	20	18.7
	4,861	81.4	9.2	14	1	3,399	70.0	848	17.4	614	12.6
1	328	87.2	8.8	14	2	258	78.7	47	14.3	23	7.0
2	144	77.4	3.4	14	5	80	55.5	13	9.0	51	35.5
3	143	68.8	6.5	14	11	34	23.8	86	60.1	23	16.1
4	104	55.9	3.3	14	7	72	69.2	19	18.3	13	12.5
5	163	81.1	3.6	14	8	100	61.3	37	22.7	26	16.0
6	217	87.8	3.6	14	6	154	71.0	52	24.0	11	5.0
7	383	87.4	10.0	14	2	122	31.8	221	57.3	40	10.9
8	502	87.9	9.5	14	1	284	56.6	185	36.8	33	6.6
9	234	78.3	6.4	13	9	77	32.9	129	55.1	28	12.0
10	252	82.3	7.3	14	2	174	69.0	43	17.1	35	13.9
11	346	85.8	8.9	14	1	124	35.8	177	51.1	45	13.1
12	432	89.4	8.8	13	9	164	38.0	179	41.4	89	20.6
13	443	83.9	9.4	13	10	224	50.6	177	39.9	42	9.5
14	1,451	86.3	8.8	14	1	977	67.3	322	22.2	152	10.5
15	300	84.3	8.2	13	10	195	65.0	82	27.3	23	7.7
16	245	90.0	8.2	13	10	128	52.2	87	35.5	30	12.3
17	331	83.8	7.9	13	10	98	29.6	207	62.5	26	7.9
18	409	90.1	9.2	14	5	101	24.7	260	63.6	48	11.7
91	316	88.3	7.4	14	9	182	57.6	102	32.3	32	10.1
20	192	83.0	5.9	14	..	52	27.1	134	69.8	6	3.1
21	127	64.1	4.8	13	10	66	52.0	55	43.3	6	4.7
22	113	68.1	3.8	14	2	61	54.0	41	36.3	11	9.7
	7,175	84.0	7.3	14	1	3,727	51.9	2,655	37.0	793	11.1
	46,406	84.8	9.3	14	..	34,679	74.7	5,727	12.3	6,000	13.0
	.....	.9	.....	.....		.....	.5	.....	.....	.....	.....
	839	.....	.1	..	1	366	.....	423	.7	50	.2

Number of candidates successful on written test on Group II:—

By Regulation 10—(1) and (2)	11,781	
(3) and (4)	619	
(5)	425	
(6)	186	
(7)	220	
		13,231
Total Number of successful candidates		47,011
Percentage of candidates who were successful		85.08%

(61.13% by Principals' recommendation and 23.95% by passing written test).

TABLE 7—FIFTH CLASSES (GRADES IX AND X) 1940-41

(A) Public Schools of the County Inspectorates	No. of Schools Conducting Fifth Class Work	Fifth Class Enrolment in These Schools	Number of Qualifying* Fifth Classes	Enrolment in Qualifying Fifth Classes	Average Per Class ‡		Grading‡			Legislative Grant to Qualifying Classes
					Enrolment	Daily Attendance	A	B	C	
Brant and Norfolk (in part)	5	10	2	7	3.5	2.7	....	1	1	$187.80
Bruce East, Grey (in part), Huron (in part)	8	13	2	5	2.5	2.3	....	....	2	156.13
Bruce West	14	20	2	4	2.0	1.9	....	....	2	194.00
Carleton	6	17	3	13	4.3	3.6	3	....	....	436.40
Dufferin	19	27	2	13	6.5	4.9	....	1	1	144.10
Dundas	2	8	1	7	7.0	5.6	....	1	....	91.00
Durham (in part), and City of Oshawa	4	37	4	37	9.3	7.6	3	1	....	670.80
Elgin and City of St. Thomas	7	33	3	23	7.8	5.4	2	1	....	402.44
Essex No. 1	9	234	7	232	33.3	27.4	4	3	....	999.51
Essex No. 2	7	10	....	....	....	....	....	....	....	....
Frontenac North and Addington (in part)	15	41	3	22	7.4	5.8	1	2	....	381.84
Frontenac South (No. 1) and Lennox (in part)	6	24	1	19	19.0	14.8	1	....	....	167.20
Frontenac South (No. 2) and City of Kingston	19	16	1	14	4.0	3.0	....	....	1	107.50
Glengarry (in part) and Prescott (in part)	12	26	3	15	5.0	4.5	....	2	1	247.55
Grey East	8	18	5	14	2.8	2.7	1	....	4	488.29
Grey North and Bruce North	10	14	1	3	3.0	2.5	....	1	....	119.87
Grey South	7	19	2	14	7.0	5.9	1	....	1	263.72
Haldimand	6	16	3	13	4.3	3.9	....	3	....	330.12
Halton	2	5	1	4	4.0	4.0	....	....	1	66.34
Hastings North	22	43	2	13	6.5	5.2	....	2	....	202.78
Hastings Centre	15	33	5	23	4.6	4.4	....	4	1	460.07
Hastings South	4	4	....	....	....	....	....	....	....	....
Huron North	15	29	5	18	3.6	3.1	2	1	2	539.59
Huron South	16	61	6	49	8.3	7.3	5	1	....	855.58
Kent	5	16	3	14	4.7	3.6	....	3	....	330.50
Lambton No. 1	5	15	2	9	4.5	3.7	1	1	....	258.55
Lambton No. 2	6	12	1	7	7.0	6.4	....	1	....	144.90
Lanark	3	14	....	....	....	....	....	....	....	....
Leeds and Grenville No. 1	7	14	1	6	6.0	5.0	1	....	....	156.60
Leeds and Grenville No. 2	7	20	1	13	13.0	10.9	....	1	....	113.65
Leeds and Grenville No. 3	14	20	3	8	2.7	2.3	....	1	2	195.00
Lennox and Hastings South (in part)	5	7	....	....	....	....	....	....	....	....
Lincoln (in part)	5	97	4	95	23.7	19.5	3	1	....	556.81
Middlesex East	5	27	4	26	6.5	5.5	1	3	....	430.81
Middlesex West	6	11	1	3	3.0	2.6	1	....	....	171.00
Norfolk (in part)	11	20	4	14	3.5	2.8	....	3	1	353.28
Northumberland and Durham No. 1	9	15	3	9	3.0	2.7	....	1	2	298.32
Northumberland and Durham No. 2	17	30	6	14	2.3	2.1	....	2	4	399.77
Ontario North and York (in part)	7	22	3	23	7.7	5.8	....	2	1	274.24
Ontario South	2	2	....	....	....	....	....	....	....	....
Oxford North	2	24	2	24	12.0	7.8	1	1	....	232.82
Oxford South	2	11	2	11	5.5	4.6	2	....	....	284.35
Peel	3	16	3	16	5.3	4.6	....	1	2	238.34
Perth North and Wellington (in part)	7	25	2	17	8.5	7.5	....	2	....	211.90
Perth South	4	4	....	....	....	....	....	....	....	....
Peterborough East	24	42	5	20	4.0	3.1	....	2	3	446.10
Peterborough West and Victoria East	12	21	1	7	7.0	6.5	....	1	....	89.17
Prescott and Russell No. 1	5	19	2	14	7.0	5.7	2	....	....	232.34
Prescott and Russell No. 2	....	....	....	....	....	....	....	....	....	....
Prescott and Russell No. 3	1	11	1	11	11.0	8.8	1	....	....	183.00
Prescott and Russell No. 4; Glengarry (in part)	....	....	....	....	....	....	....	....	....	....
Prince Edward	21	32	2	14	7.0	5.1	1	1	....	193.75
Renfrew North	18	46	9	36	4.0	3.4	....	1	8	599.58
Renfrew South	21	37	1	10	10.0	8.6	....	1	....	100.00
Simcoe East and Muskoka (in part)	16	87	5	72	14.4	11.6	2	2	1	651.31
Simcoe North and Kent (in part)	....	....	....	....	....	....	....	....	....	....
Simcoe Centre	11	54	11	54	4.9	3.5	3	2	6	932.56
Simcoe South and York (in part)	7	13	1	6	6.0	3.8	1	....	....	185.00
Simcoe West and Grey (in part)	11	32	7	26	3.7	2.6	....	....	7	447.27
Stormont	10	53	2	35	17.5	14.1	2	....	....	275.44
Victoria West	21	54	4	25	6.2	5.3	4	....	....	648.13
Waterloo No. 1	10	28	5	21	4.2	3.4	1	3	1	513.55
Waterloo No. 2	5	79	2	73	36.5	31.0	2	....	....	348.65
Welland East	....	....	....	....	....	....	....	....	....	....
Welland South	....	....	....	....	....	....	....	....	....	....
Welland (in part); Lincoln (in part)	1	18	1	18	18.0	14.4	1	....	....	154.91
Wellington North	9	14	2	13	6.5	4.2	....	1	1	153.62
Wellington South and City of Guelph	13	48	6	25	4.0	5.6	....	2	4	551.35
Wentworth	8	48	5	45	9.0	7.3	2	3	....	641.40

*Qualifying for Legislative Grant.
‡Qualifying classes only.

TABLE 7—FIFTH CLASSES (GRADES IX AND X), 1940-41

(A) Public Schools of the County Inspectorates	No. of Schools Conducting Fifth Class Work	Fifth Class Enrolment in These Schools	Number of Qualifying* Fifth Classes	Enrolment in Qualifying Fifth Classes	Average Per Class ‡		Grading ‡			Legislative Grant to Qualifying Classes
					Enrolment	Daily Attendance	A	B	C	
York No. 1	2	28	2	28	14.0	11.4	1	1	....	327.10
York No. 2	.....	.....	.....	.....	.....	.....	....	....	....	.....
York No. 3	.....	.....	.....	.....	.....	.....	....	....	....	.....
York No. 4	.....	.....	.....	.....	.....	.....	....	....	....	.....
York No. 5	.....	.....	.....	.....	.....	.....	....	....	....	.....
York No. 6	1	125	5	125	25.0	22.2	5	....	....	215.00
(A) Totals and Averages	587	2,069	188	1,539	8.4	7.0	61	67	60	$20,052.70
(B) Public Schools of the District Inspectorates										
Division No. I	22	82	10	66	6.6	5.4	2	4	4	$1,989.16
" " II	39	102	20	91	4.5	4.0	3	3	14	3,847.12
" " III	20	40	8	25	3.1	2.4	....	....	8	992.20
" " IV	20	208	11	59	5.4	4.2	3	4	4	2,126.62
" " V	20	43	4	18	4.5	4.0	....	3	1	903.40
" " VI	21	122	13	112	8.6	7.1	4	3	6	2,977.83
" " VII, Part 1	20	71	11	51	4.6	3.6	1	4	6	2,002.42
" " VII, Part 2	.....	.....	.....	.....	.....	.....	....	....	....	.....
" " VIII	29	69	12	49	4.1	3.6	....	2	10	1,717.34
" " IX	15	45	2	23	11.5	9.2	1	....	1	462.26
" " X, Part 1	6	21	2	16	6.5	3.9	....	2	....	413.20
" " X, Part 2	.....	.....	.....	.....	.....	.....	....	....	....	.....
" " XI	15	42	2	24	12.0	9.3	1	1	....	604.58
" " XII	21	71	14	61	4.4	4.1	2	3	9	2,474.32
" " XIII, Part 1	21	59	3	25	8.3	7.1	1	2	....	674.92
" " XIII, Part 2	.....	.....	.....	.....	.....	.....	....	....	....	.....
" " XIII, Part 3	.....	.....	.....	.....	.....	.....	....	....	....	.....
" " XIV	39	81	5	31	6.2	4.6	....	5	....	1,290.60
" " XV	35	101	6	46	7.7	5.7	3	3	....	1,883.10
" " XVI	25	72	17	69	4.0	3.0	....	4	13	2,938.60
" " XVII	34	88	15	58	3.1	3.3	2	3	10	2,028.62
(B) Totals and Averages	402	1,317	155	824	5.3	4.3	23	46	86	$29,346.29
(C) Public Schools of the City Inspectorates										
Kitchener	1	247	.....	.....	.....	.....	....	....	....	.....
Toronto	14	1,370	.....	.....	.....	.....	....	....	....	.....
Windsor	1	220	.....	.....	.....	.....	....	....	....	.....
(C) Totals and Averages	16	1,837	.....	.....	.....	.....	....	....	....	.....
(D) Roman Catholic Separate School Inspectorates										
Division No. I	5	67	2	11	5.5	4.5	1	....	1	$521.18
" " II	6	73	2	17	8.5	7.6	2	....	....	601.14
" " III	11	63	8	47	5.9	5.2	5	3	....	1,843.20
" " IV	9	33	4	25	6.2	5.7	....	3	1	702.34
" " V	7	61	6	60	10.0	8.9	3	3	....	1,335.72
" " VI	8	82	7	24	3.4	3.3	4	2	1	1,200.00
" " VII	3	8	2	7	3.5	2.6	....	....	2	361.60
" " VIII	8	381	3	50	16.7	14.0	2	1	....	489.20
" " IX	10	318	8	220	27.5	24.0	8	....	....	1,367.70
" " X	5	103	3	20	6.7	6.0	3	....	....	450.73
" " XI	16	318	10	68	6.8	5.8	7	2	1	1,505.75
" " XII	14	356	6	63	10.5	9.3	3	3	....	829.74
" " XIII	5	455	1	45	45.0	38.6	1	....	....	137.50
" " XIV	10	147	3	17	5.7	5.1	....	....	3	247.87
" " XV	1	11	1	11	11.0	9.2	1	....	....	85.70
" " XVI	.....	.....	.....	.....	.....	.....	....	....	....	.....
" " XVII	8	293	6	135	22.5	19.6	5	1	....	940.70
" " XVIII	20	196	16	121	7.6	6.2	5	3	8	1,833.05
" " XIX	9	267	1	17	17.0	14.5	1	....	....	86.25
" " XX	15	536	.....	.....	.....	.....	....	....	....	.....
" " XXI	5	160	1	4	4.0	3.8	....	1	....	95.00
" " XXII	8	79	8	79	9.9	9.1	8	....	....	1,088.70
" " XXIII	8	80	6	54	9.0	8.8	6	....	....	737.19
" " XXIV	6	53	6	53	8.8	1.6	6	....	....	781.71
(D) Totals and Averages	197	4,140	110	1,148	10.4	9.1	71	22	17	$17,241.97
Grand Totals and Averages	1,202	9,363	453	3,511	7.8	6.6	155	135	163	$66,640.96†
Decrease for the year	168	1,624	61	572	.1	.2	12	20	29	$711.71

†Additional Legislative Grants for Equipment only, to schools whose Fifth Classes have qualified in past years, but not this year, $825.07. This is a decrease in grants for equipment only of $48.19 over last year.

TABLE 8—ELEMENTARY SCHOOL LIBRARIES (1941-42)

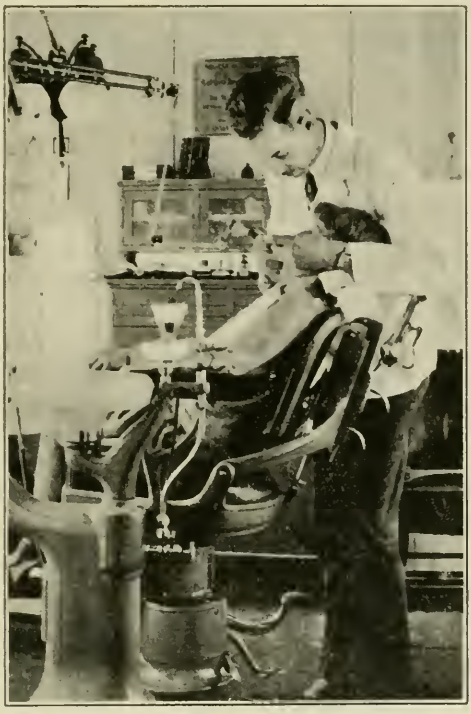
INSPECTORATE	RURAL SCHOOLS							URBAN SCHOOLS (Excluding Cities, but including Large Suburban Schools)						
						Per Classroom							Per Classroom	
	Number of classrooms in operation	Number of volumes in libraries at close of current year	Number of volumes added during current year	Cost of those added during current year	Estimated present value of libraries	Actual value current year's additions	Estimated present value of libraries	Number of classrooms in operation	Number of volumes in libraries at close of current year	Number of volumes added during current year	Cost of those added during current year	Estimated present value of libraries	Actual value current year's additions	Estimated present value of libraries
				$	$	$	$				$	$	$	$
Brant, and Norfolk (in part)	89	33,624	1,511	1,128	17,205	13	193	21	3,938	400	139	1,173	7	56
Bruce East, Grey (in part), Huron (in part)	82	41,209	1,469	1,062	20,479	13	250	17	5,362	367	238	2,570	14	151
Bruce West	75	46,449	1,589	1,053	21,976	14	293	36	11,627	693	461	4,715	13	131
Carleton	131	39,951	1,791	1,163	19,828	9	151	42	8,302	369	239	3,991	6	95
Dufferin	82	27,972	1,351	1,001	11,809	12	144	16	3,171	262	276	1,322	17	83
Dundas	75	37,444	1,384	843	18,292	11	244	19	4,010	213	104	1,718	5	90
Durham (in part)	52	23,043	504	313	13,068	6	251	14	3,508	383	260	2,000	19	142
Elgin	124	53,139	1,249	830	29,880	7	240	30	7,789	347	193	3,246	6	108
Essex No. 1	73	26,192	891	555	15,053	8	206	63	12,141	966	630	7,181	10	114
Essex No. 2	63	23,717	752	480	11,573	8	184	31	9,193	243	179	3,227	6	101
Frontenac North, and Addington	68	26,866	1,152	681	9,647	10	142	.....	.....	.....	.....	.....	.....	.....
Frontenac South, No. 1, and Lennox (in part)	83	26,348	1,462	730	14,670	9	177	5	1,156	152	50	472	10	94
Frontenac South, No. 2	35	10,929	383	176	4,570	5	130	.....	.....	.....	.....	.....	.....	.....
Glengarry (in part) and Prescott (in part)	76	27,141	1,210	731	11,517	10	151	8	1,711	91	92	926	11	116
Grenville	65	23,076	755	483	11,228	7	173	24	3,681	777	114	1,509	5	63
Grey East	93	32,717	1,370	971	19,713	10	212	15	1,936	45	35	938	2	63
Grey North and Bruce North	56	27,914	1,033	681	13,391	12	239	13	2,388	184	77	1,324	6	102
Grey South	81	26,493	801	514	5,782	6	71	33	5,907	462	218	2,478	7	75
Haldimand	71	28,932	1,070	681	16,449	10	232	31	4,179	282	164	1,878	5	60
Halton	70	26,908	1,439	741	14,837	11	212	52	9,244	787	436	4,204	8	81
Hastings Centre	85	42,431	1,474	795	18,569	9	218	16	7,094	181	82	2,120	5	132
Hastings North, Nipissing (in part) and Renfrew (in part)	80	44,104	952	561	12,294	7	154	13	2,995	122	72	1,143	6	88
Hastings South	44	16,384	1,175	813	6,838	18	155	31	4,068	522	294	2,051	10	66
Huron North	84	32,605	2,005	1,407	16,824	17	200	20	2,993	328	216	1,581	11	79
Huron South	84	36,381	1,929	1,267	19,139	15	228	30	6,043	512	271	2,778	9	93
Kent	150	70,985	2,640	1,942	33,502	13	223	53	12,266	842	727	5,815	16	110
Lambton No. 1	94	29,612	542	342	13,898	4	148	17	4,624	165	124	2,149	7	126
Lambton No. 2	85	31,196	647	425	19,278	5	227	22	6,921	328	229	3,239	10	147
Lanark	115	45,791	1,888	1,019	27,464	9	239	64	12,923	1,412	670	5,708	11	89
Leeds No. 1	75	25,462	1,694	1,226	13,606	16	181	15	1,261	47	31	429	2	29
Leeds No. 2	63	26,311	1,050	607	13,795	10	219	37	2,456	287	292	1,684	8	46
Lennox and Hastings South (in part)	64	17,591	748	476	10,096	8	158	19	4,369	278	197	1,736	20	91
Lincoln (in part)	77	35,174	2,019	1,647	23,122	21	300	44	11,589	932	590	6,984	13	159
Middlesex East	113	36,928	1,817	1,266	23,595	11	209	3	569	10	10	309	3	103
Middlesex West	97	30,376	808	535	18,619	6	191	24	3,268	202	137	1,924	6	80
Norfolk (in part)	80	30,490	1,457	1,711	17,559	21	219	42	5,738	477	249	2,943	6	70
Northumberland	89	36,253	4,217	2,671	23,538	30	264	23	2,884	55	28	1,632	1	70
Northumberland and Durham (in part)	74	25,330	1,262	731	14,649	10	198	42	8,217	457	205	3,740	5	89
Ontario North and York (in part)	79	34,085	890	475	17,306	6	219	19	2,231	124	61	898	3	47
Ontario South	75	25,698	991	704	14,556	9	194	27	1,673	45	16	1,175	1	43
Oxford North	67	33,000	1,398	1,284	15,852	19	236	6	2,565	61	89	948	15	158
Oxford South and Norfolk (in part)	75	36,336	1,499	843	18,592	11	248	38	6,193	407	300	2,541	8	67
Peel	76	32,518	1,188	719	16,064	9	211	49	7,641	756	466	3,983	9	81

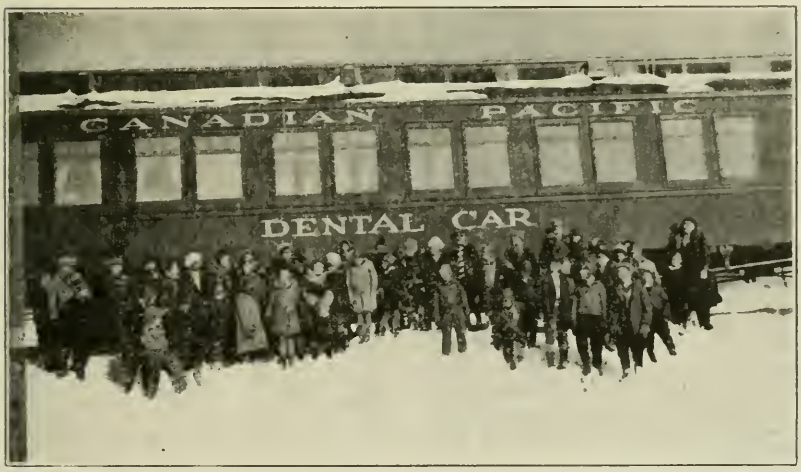
TABLE 8—ELEMENTARY SCHOOL LIBRARIES (1941-42)

INSPECTORATE	RURAL SCHOOLS							URBAN SCHOOLS (Excluding Cities, but including Large Suburban Schools)						
						Per Classroom							Per Classroom	
	Number of classrooms in operation	Number of volumes in libraries at close of current year	Number of volumes added during current year	Cost of those added during current year	Estimated present value of libraries	Actual value current year's additions	Estimated present value of libraries	Number of classrooms in operation	Number of volumes in libraries at close of current year	Number of volumes added during current year	Cost of those added during current year	Estimated present value of libraries	Actual value current year's additions	Estimated present value of libraries
				$	$	$	$				$	$	$	$
Perth North and Wellington (in part)	90	34,383	1,327	826	20,711	9	230	18	3,473	359	307	1,805	16	100
Perth South	44	15,345	977	660	8,542	15	194	11	1,050	90	50	744	5	68
Peterborough East	63	23,808	1,357	699	12,301	11	195	16	1,468	172	126	1,796	8	112
Peterborough West and Victoria East	48	15,581	422	222	9,396	5	196	42	6,795	213	113	3,265	3	77
Prescott and Russell No. 1	60	16,529	748	453	7,508	8	125	9	3,794	253	147	1,153	16	128
Prescott and Russell No. 2	1	382	53	10	86	10	86	.....	.....	.....	.....	.....	.....	.....
Prescott and Russell No. 3	12	2,633	98	37	686	3	57	5	1,288	96	64	453	13	91
Prescott and Russell No. 4; Glengarry (in part)	14	2,958	100	32	929	2	66	.....	.....	.....	.....	.....	.....	.....
Prince Edward	73	31,561	635	450	12,330	7	169	21	6,643	465	272	2,700	12	128
Renfrew North	87	37,345	2,161	1,540	18,751	18	216	32	5,834	384	361	3,350	11	104
Renfrew South	83	35,653	525	314	14,781	4	178	30	7,111	272	155	2,869	5	95
Simcoe Centre	77	29,158	1,178	793	16,081	10	209	37	4,626	346	345	2,247	9	61
Simcoe East and Muskoka (in part)	52	17,856	624	359	9,598	7	184	67	2,855	86	47	2,290	1	34
Simcoe North and Kent (in part)	11	3,773	205	112	1,383	9	126	15	580	9	11	476	1	32
Simcoe South and York (in part)	77	37,226	978	736	18,235	10	237	16	4,427	96	79	1,937	5	121
Simcoe West, Grey (in part)	60	24,415	731	472	14,904	8	248	29	3,800	406	240	2,077	8	71
Stormont	90	26,723	1,860	1,180	8,628	13	96	24	1,664	378	123	665	5	28
Victoria West	76	30,022	761	533	15,434	7	203	6	1,761	120	48	736	8	123
Waterloo No. 1	79	33,303	2,049	1,082	15,411	14	195	39	8,387	831	539	3,257	14	83
Waterloo No. 2	33	11,057	923	634	7,424	19	224	39	4,075	508	387	2,447	10	62
Welland East	15	4,320	226	138	2,287	9	152	113	12,781	1,772	1,379	7,490	12	66
Welland South	21	8,076	341	232	4,249	11	202	111	20,357	2,142	1,225	10,142	11	91
Welland (in part), Lincoln (in part)	83	37,178	1,530	942	14,939	11	180	4	1,213	67	38	629	10	157
Wellington North	71	24,140	1,811	1,178	13,292	17	188	39	6,089	390	342	3,032	9	78
Wellington South	64	32,313	964	712	18,322	11	286	2	914	25	9	531	5	266
Wentworth	105	47,677	1,787	1,347	25,141	13	239	48	10,074	588	513	4,956	11	103
York No. 1	87	41,309	2,508	1,383	19,415	16	223	44	8,540	434	299	4,166	7	95
York No. 2	17	3,911	292	187	2,692	11	158	150	25,367	1,985	1,079	11,819	7	79
York No. 3, York No. 4	13	2,388	306	191	1,211	15	93	293	35,576	3,913	2,500	17,289	8	59
York No. 5	195	30,193	2,798	1,569	11,570	8	59	.....	.....	.....	.....	.....	.....	.....
York No. 6	47	11,386	650	345	6,128	8	130	124	25,475	2,915	1,881	14,515	15	117
Totals	5,317	2,057,705	88,384	57,651	1,222,087	11	230	2,508	435,841	34,888	21,940	211,218	9	84
District Division No. I	57	17,758	1,677	750	8,512	13	149	52	7,142	539	481	4,869	9	94
" " " II	72	22,254	1,799	1,043	11,624	14	161	29	5,515	303	190	2,861	7	99
" " " III	49	12,122	965	421	5,814	9	141	.....	.....	.....	.....	.....	.....	.....
" " " IV	68	17,327	1,567	1,175	9,260	17	136	13	3,500	424	158	1,594	12	123
" " " V	51	17,636	1,110	615	7,403	12	145	1	651	.....	.....	397	.....	397
" " " VI	66	25,213	1,418	854	12,202	13	185	49	13,604	831	615	6,680	13	136
" " " VII (1)	49	15,436	1,557	650	6,876	13	140	20	4,978	363	229	2,269	12	114
" " " VII (2)	10	2,053	161	31	703	3	70	.....	.....	.....	.....	.....	.....	.....
" " " VII (3)	31	4,316	433	122	1,147	4	37	.....	.....	.....	.....	.....	.....	.....
" " " VIII	78	27,963	1,395	992	11,374	13	146	17	3,803	486	154	1,456	9	86

TABLE 8—ELEMENTARY SCHOOL LIBRARIES (1941-42)

INSPECTORATE	RURAL SCHOOLS							URBAN SCHOOLS (Excluding Cities, but including Large Suburban Schools)						
						Per Classroom							Per Classroom	
	Number of classrooms in operation	Number of volumes in libraries at close of current year	Number of volumes added during current year	Cost of those added during current year	Estimated present value of libraries	Actual value current year's additions	Estimated present value of libraries	Number of classrooms in operation	Number of volumes in libraries at close of current year	Number of volumes added during current year	Cost of those added during current year	Estimated present value of libraries	Actual value current year's additions	Estimated present value of libraries
				$	$	$	$				$	$	$	$
District Division No. IX (1)	36	10,713	901	286	3,093	.....	.....	33	6,133	657	457	4,076	.....	.....
" " " IX (2)	2	408	21	5	111	3	56	.....	.....	.....	.....	.....	.....	.....
" " " X (1)	32	7,932	891	542	4,759	17	149	92	19,311	1,991	1,458	10,270	16	111
" " " X (2)	4	982	43	5	211	1	53	.....	.....	.....	.....	.....	.....	.....
" " " XI	103	26,528	2,917	1,390	13,029	13	126	10	1,667	188	110	786	11	79
" " " XII (1)	55	19,278	969	579	8,780	11	160	40	7,560	459	508	4,054	13	101
" " " XII (2)	1	558	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
" " " XIII (1)	54	19,008	3,095	1,217	7,867	22	146	15	5,731	354	222	2,482	15	165
" " " XIII (2)	20	2,533	513	172	1,334	9	67	.....	.....	.....	.....	.....	.....	.....
" " " XIV	68	26,448	1,384	635	9,738	9	143	33	6,905	362	253	3,500	8	106
" " " XV	74	26,571	1,759	813	12,228	11	165	23	4,602	409	202	2,631	9	114
" " " XVI	56	15,210	857	467	11,382	8	203	25	8,041	521	333	3,466	13	138
" " " XVII	78	24,521	1,791	905	9,430	12	121	.....	.....	.....	.....	.....	.....	.....
Totals	1,114	342,768	27,263	13,669	156,877	12	141	452	99,143	7,887	5,370	51,391	12	114
R.C. Division No. I	10	4,223	284	109	1,664	11	166	22	1,970	405	135	2,093	6	95
" " " II	28	4,616	538	220	1,664	9	59	18	4,012	210	63	1,185	4	66
" " " III	57	8,029	696	399	3,293	7	57	20	2,522	187	100	1,118	5	56
" " " IV	74	8,776	663	323	3,743	4	50	41	8,162	359	262	3,685	6	90
" " " V	49	6,672	449	233	2,857	5	58			No	record			
" " " VI	67	10,053	748	444	4,351	7	65	75	17,767	1,325	634	7,081	8	94
" " " VII	9	927	216	134	505	15	56	12	3,965	323	121	1,545	10	129
" " " VIII	11	4,166	161	96	2,808	9	255	23	2,979	288	156	1,539	7	66
" " " IX	31	8,212	609	281	3,710	9	120	29	3,234	502	194	2,447	7	84
" " " X	34	9,787	422	296	5,053	9	149	37	6,200	203	143	2,892	4	78
" " " XI	47	18,243	534	315	8,892	7	189	23	4,712	146	74	3,284	3	142
" " " XII	24	10,238	557	241	5,937	10	247	28	6,769	401	134	6,782	5	242
" " " XIII	5	509	63	25	550	5	110	3	115	18	12	265	4	88
" " " XIV	21	8,220	645	211	4,446	10	212	56	12,063	687	342	8,019	6	143
" " " XV	22	2,658	295	222	1,767	10	80	.....	.....	.....	.....	.....	.....	.....
" " " XVI	28	2,876	356	222	2,105	8	75	6	1,766	116	92	1,010	15	168
" " " XVII	38	14,566	740	451	7,749	12	203	53	9,297	381	227	5,431	4	102
" " " XVIII	35	9,875	322	180	5,294	5	151	84	13,030	538	320	8,478	4	101
" " " XX	.....	.....	.....	.....	.....	.....	.....	11	1,174	152	50	200	5	18
" " " XXI	3	1,136	20	9	534	3	178	55	4,000	390	141	2,334	3	42
" " " XXII	80	11,925	787	467	4,091	6	51	34	5,682	465	207	2,667	6	78
" " " XXIII	78	9,909	789	339	3,834	5	49	24	1,832	65	45	856	2	36
" " " XXIV	61	7,213	600	194	2,662	3	43	43	5,531	171	85	2,084	4	48
Totals	812	162,829	10,494	5,411	77,509	7	95	697	116,782	7,332	3,537	64,995	5	93
Grand Totals	7,243	2,563,302	126,141	76,731	1,456,473	11	201	3,657	651,766	50,107	30,847	327,604	8	90





Courtesy Ontario Department of Health

The Ontario Government Dental Car

This car was provided by the joint efforts of the C.P.R., the Rosedale chapter of the I.O.D.E. (Toronto), and the Ontario Department of Health. It operates between Sudbury and the Manitoba border, a district where dental services are otherwise unavailable

The service rendered covers forty-four school districts, and approximately 1,200 school children have received free dental treatment. The car is maintained by the Ontario Department of Health.

TABLE 9—REPORT OF THE HEALTH SERVICES IN

(A) Municipalities in which School Medical or Nursing Service is under the Local Board of Health		No. of school children enrolled	Personnel			No. of children entering Grade I	No. of these who had physical examination before entering
			Public Health Nurse	M.D.	D.D.S.		
Cities	*School*						
1 Brantford	Pub. and Sep.	4,449	4	1	1	416	263
2 Hamilton	Pub., Sep. and High	27,241	29	5	8	1,965	1,062
3 Kitchener	Pub. and Sep.				Re	port not	given.
4 North Bay	Pub. and Sep.	2,822	2	.....	.....	388	163
5 Oshawa	Pub. and Sep.	3,509	4	2 p.t.	4 p.t.	545	150
6 Ottawa	Sep.	10,486	13	¼	.....	1,292	.....
7 Peterborough	Sep.	941	1	.....	.....	141	.....
8 Port Arthur	Pub. and Sep.	3,390	2	.....	‡	218	35
9 St. Catharines	Pub. and Sep.	4,075	4 f.t. 1 p.t.	2	3	340	102
10 St. Thomas	Pub. and Sep.	1,992	2	.....	1 p.t.	209	137
11 Sarnia	Pub. and Sep.	2,684	3	.....	1 p.t.	302	302
12 Stratford	Pub. and Sep.	2,217	2	.....	1 p.t.	212	105
13 Toronto	Pub. and Sep.	89,610	83	9 f.t. 3 p.t.	10 f.t. 25 p.t.	9,226	2,244
14 Woodstock	Pub. and Sep.	1,601	2	.....	‡	185	146
Suburban							
1 York East Twp.	Pub., Sep. and High	7,493	6 f.t. 1 p.t.	1	.....	744	347
2 York Twp.	Pub. and Sep.	10,428	7 f.t. 1 p.t.	2 p.t.	6 p.t.	1,100	.....
Towns							
1 Bowmanville	Pub.	580	1	.....	.....	.....	.....
2 Burlington	Pub.	632	1	¼	‡	109	.....
3 Cochrane	Pub., Sep. and High	820	1	.....	.....	75	50
4 Cornwall (see Health Units).							
5 Dryden	Pub.	505	1	.....	.....	50	5
6 Dundas	Pub. and Sep.	980	1	.....	‡	78	.....
7 Elmira	Pub. and Sep.	.....	.....	.....	.....	.....	.....
8 Fort Frances	Pub. and Sep.	1,170	1	.....	‡	152	.....
9 Haileybury	Pub., Sep. and High	494	1	.....	.....	67	47
10 Ingersoll	Pub., Sep. and High	1,028	1	¼	‡	84	58
11 Kenora	Pub. and Sep.	1,279	1	.....	.....	195	47
12 Kirkland Lake	Pub. and Sep.	3,574	3	.....	½	540	235
13 Lindsay	Pub. and Sep.	1,081	1	.....	.....	107	77
14 Midland	Pub. and Sep.	1,149	1	.....	‡	135	92
15 New Toronto	Pub.	1,203	1	¼	1 p.t.	158	.....
16 Oakville (includes Trafalgar S.S. No. 12, 13, 16 and 18)	Pub. and Sep.	780	1	.....	.....	90	54
17 Orillia	Pub. and Sep.	1,618	1	.....	1 p.t.	182	96
18 Paris	Pub. and Sep.	554	1	.....	.....	68	67
19 Penetanguishene	Pub. and Sep.	832	1	.....	‡	105	83
20 Perth	Pub. and Sep.	630	1	.....	1 p.t.	72	8
21 Port Colborne	Pub.	1,320	1	¼	.....	123	.....
22 Renfrew	Pub. and Sep.	859	1	.....	.....	106	84
23 St. Mary's	Pub., Sep. and High	678	1	¼	1 p.t.	41	10
24 Simcoe	Pub.	993	1	.....	.....	112	78
25 Strathroy	Pub.	432	1	.....	‡	40	28
26 Thorold	Pub. and Sep.	715	1	.....	.....	69	30
27 Timmins	Pub. and Sep.	5,094	4	¼	1 p.t.	766	.....
28 Wallaceburg	Pub., Sep. and High	1,185	1	.....	‡	128	.....
29 Weston	Pub. and Sep.	913	1	.....	‡	106	65
Villages							
1 Forest Hill	Pub.	1,724	2	1	1	100	.....
2 Swansea	Pub.	679	1	¼	1 p.t.	73	.....
Part Time							
1 Gananoque		Service	Sus	pended			
Rural Units							
1 Ayr, North and South Dumfries	Pub. and Cont	879	1	.....	‡	109	59
2 Etobicoke Twp. (S.S. 3, 8, 11, 16)	Pub.	1,979	1 f.t. 2 p.t.	.....	‡	225	.....
3 Tecumseh and Sandwich	Pub. and Sep.	2,128	1	.....	‡...	246	21
4 North York Twp.	Pub. and Sep.	.....	1	¼		Not availa	ble
5 Temiskaming District (94 schools)	Pub. and Sep.	3,107	1	.....	.....	.....	.....
6 United Counties, Stormont, Dundas and Glengarry	Pub. and Sep.	11,103	9	1 f.t. 6 p.t.	.....	.....	.....
(A) Totals		225,635	.....	.....	.....	21,794	6,350

THE PUBLIC AND SEPARATE SCHOOLS OF ONTARIO, 1941

	No. of defects (other than dental) requiring correction found, 1941	No. of these defects corrected, 1941	No. of children with dental defects found, 1941	No. of children with dental defects corrected, 1941	No. of children excluded because of communicable disease	No. of Grade VIII children completing course, 1941	No. leaving with uncorrected dental defects	No. leaving with uncorrected defects (other than dental)	Uncorrected Defects: Vision	Hearing	Tonsils and defective nasal breathing	Other
1	409	47	2,255	1,076	403	476	174	128	22	2	110	7
2	3,978	3,875	201	4,542	219	2,272	358	220	22	.....	105	93
3												
4	190	69	207	74	275	299	137	72	14	3	107	.....
5	115	72	838	642	398	463	101	89	3	2	71	40
6	736	221	2,907	798	787	.....	.....	.....	.....	.....	.....	.....
7	323	85	480	169	146	78	43	17	4	.....	15	2
8	168	57	644	613	315	284	161	39	9	1	39	3
9	435	94	4,368	1,113	328	405	.....	18	4	.....	14	9
10	255	52	721	481	151	208	42	49	9	3	55	10
11	178	111	303	313	332	289	94	45	4	.....	60	6
12	61	49	629	373	52	237	23	5	1	.....	3	1
13	12,827	2,025	42,277	26,408	.....	8,719	.....	1,410	148	39	1,008	831
14	130	40	261	202	189	72	35	41	5	.....	25	23
1	555	92	1,250	245	662	578	465	65	14	2	27	22
2	1,338	198	7,815	3,444	553	1,167	.....	427	24	5	354	303
1	15	3	104	64	18	.....	.....	.....	.....	.....	.....	.....
2	205	57	72	72	55	56	27	15	5	.....	6	4
3	93	11	194	166	50	50	15	10	4	.....	5	1
4												
5	43	11	41	23	25	30	5	19	2	.....	14	3
6	93	17	165	73	51	77	21	10	2	2	10	1
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	173	43	274	136	110	93	59	18	4	.....	14	1
9	79	20	181	23	179	45	12	11	3	.....	6	1
10	132	44	78	56	31	67	9	15	5	1	4	7
11	39	.....	67	.....	272	180	.....	.....	.....	.....	.....	.....
12	144	40	499	919	266	323	117	23	5	3	15	.....
13	151	29	113	56	101	115	30	.....	4	.....	30	.....
14	57	32	241	118	177	132	36	21	2	.....	19	8
15	200	29	969	328	124	127	.....	42	6	2	33	5
16	72	72	496	92	64	81	23	12	.....	.....	19	2
17	77	60	315	296	65	96	26	20	.....	.....	16	4
18	52	29	314	188	252	59	9	5	.....	.....	5	.....
19	83	52	382	80	225	96	48	7	2	1	4	.....
20	31	10	62	95	25	84	8	11	1	.....	14	.....
21	223	86	104	157	107	135	39	32	4	1	24	4
22	48	27	66	355	48	141	66	110	.....	.....	.....	.....
23	38	33	210	210	15	60	6	3	1	.....	2	.....
24	36	21	245	171	66	118	37	27	1	1	29	.....
25	22	6	23	39	126	51	17	18	.....	.....	20	.....
26	56	18	30	46	108	129	99	13	2	1	14	1
27	593	113	904	137	1,187	552	184	194	40	4	153	89
28	159	28	324	82	203	82	28	19	11	.....	10	.....
29	86	34	436	143	38	91	34	31	4	1	15	21
1	218	12	.....	280	248	108	.....	13	6	2	5	2
2	77	13	.....	100	79	94	15	29	1	.....	23	5
1												
1	41	23	55	97	62	74	18	4	.....	.....	5	.....
2	223	74	453	218	337	169	61	41	2	3	49	4
3	275	73	141	117	116	173	35	87	8	1	60	37
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	139	8	325	24	29	.....	.....	.....	.....	.....	.....	.....
6	1,425	.....	1,714	416	2,284	.....	.....	.....	.....	.....	.....	.....
	27,096	8,215	74,753	45,870	11,953	19,235	2,717	3,485	408	80	2,616	1,550

TABLE 9—REPORT OF THE HEALTH SERVICES IN

(B) Municipalities in which School Medical or Nursing Service is under the Local School Board		No. of school children enrolled	Personnel			No. of children entering Grade I	No. of these who had physical examination before entering
			Public Health Nurse	M.D.	D.D.S.		
Cities	*School*						
1 Belleville	Pub.	1,651	1	.....	1 p.t.	189	78
2 Chatham	Pub.	2,050	1	.....	‡	289	97
3 Fort William	Pub.	3,076	3	.....	.....	732	206
4 Galt	Pub. and Sep.	1,971	1	½	‡	240	.....
5 Guelph	Pub.	2,355	1	.....	‡	8	.....
6 Kingston	Pub.	3,026	2	.....	1 p.t.	316	157
7 London	High	4,039	6	1	7 p.t.	.....	.....
8 London	Pub.	9,714			7 D.A.	851	851
9 London	Sep.	1,231	1	.....	.....	145	.....
10 Niagara Falls	Pub. and Sep.	2,713	2	.....	‡	321	154
11 Ottawa	Pub.	9,256	5	1	1	830	.....
12 Owen Sound	Pub. and Sep.	2,204	2	.....	1 p.t.	241	.....
13 Peterborough	Pub.	2,800 approx.	2	1	1, 1 D.A.	.....	72
14 Sault Ste. Marie	Pub.	3,097	2	.....	‡	356	.....
15 Sudbury	Pub.	2,969	1	.....	1 p.t.	338	.....
16 Sudbury	Sep.	2,768	1	.....	‡	530	.....
17 Welland	Pub. and High	1,850	1	.....	‡	170	.....
18 Windsor	Pub. and High	27,220	12	1 f.t. 3 p.t.	2 f.t. 1 p.t.	1,025	.....
Towns							
1 Barrie	Pub. and Sep.	2,290	1	.....	1 p.t.	136	.....
2 Brockville	Pub.	1,194	1	.....	‡	156	110
3 Collingwood	Pub.	850	1	.....	.....	65	.....
4 Long Branch	Pub. and Cont	1,103	1	.....	1 p.t.	96	85
5 Mimico	Pub. and Sep.	1,040	1	.....	1 p.t.	144	68
6 Pembroke	Pub.	1,152	1	.....	.....	99	33
7 Pembroke	Sep.	822	1	.....	.....	65	30
8 Waterloo	Pub. and Sep.	1,395	1	.....	‡	149	108
Part Time							
1 Brant County and Waterford	Pub.	579	1 p.t.	.....	.....	103	.....
2 Brockville	Sep.		No	regular	service.		
3 Kingston	Sep.	958	1 p.t.	.....	‡	130	16
4 Leaside	Pub.	1,050	1	.....	1	121	.....
5 Riverside	Pub.	560	1 p.t.	.....	.....	44	26
6 Rockcliffe	Pub.	176	¼	.....	.....	35	.....
7 Scarborough Twp. S.S. 13	Pub.	442	1 p.t.	.....	‡	64	64
8 Scarborough Twp. S.S. 15	Pub.	550	1 p.t.	.....	.....	63	16
9 Southampton	Pub.	244	1 p.t.	.....	‡	29	.....
10 Trafalgar Twp. (See Oakville).							
11 Trenton	Pub.	1,002	1 p.t.	.....	.....	115	.....
12 Wiarton	Pub.	250	1 p.t.	.....	‡	33	.....
Rural Units							
1 Carleton County (Nepean Twp.)	Pub.	1,449	1	.....	.....	180	.....
2 Haldimand County (part)	Pub. and High	1,237	1	.....	.....	136	110
3 Lincoln East	Pub. and Sep.	1,770	1	.....	.....	237	.....
4 Lincoln West	Pub.	1,780	1	.....	‡	234	.....
5 Peel (part) and Brampton	Pub. and High	1,823	1 f.t. 1 p.t.	.....	.....	225	128
6 Welland County (Stamford Twp.)	Pub.	1,454	1	.....	‡	167	43
7 Welland County (Thorold Twp. and Fonthill)	Pub.	909	1	.....	.....	111	57
8 Welland County (Fort Erie, Bertie Twp., Chippawa, etc.)	Pub. and High	1,152	1	.....	‡	126	7
9 Welland County (Fort Erie North)	Pub.	1,050	1	.....	.....	92	12
10 Wentworth County	Pub.	3,567	3	.....	1 p.t.	478	1
11 York County (S.S. 10, 12, Scarborough)	Pub. and High	1,566	1	.....	‡	213	28

‡In D.D.S. column means some dental work done by service clubs or other private agencies.

THE PUBLIC AND SEPARATE SCHOOLS OF ONTARIO, 1941

	No. of defects (other than dental) requiring correction found, 1941	No. of these defects corrected, 1941	No. of children with dental defects found, 1941	No. of children with dental defects corrected, 1941	No. of children excluded because of communicable disease	No. of Grade VIII children completing course, 1941	No. leaving with uncorrected dental defects	No. leaving with uncorrected defects (other than dental)	Uncorrected Defects: Vision	Hearing	Tonsils and defective nasal breathing	Other
1	75	46	1,271	800	146	202	105	29	3	1	23	2
2	127	108	486	448	158	192	34	3	.....	1	4	.....
3	520	173	1,018	571	549	386	166	84	7	5	80	.....
4	97	85	40	296	158	205	4	20	1	...	19	.....
5	95	62	433	433	297	245	56	25	6	.....	19	.....
6	248	73	478	433	338	274	70	29	5	.....	28	1
7	.....	.....	.....	1,352	.....	.....	.....	.....	.....	.....	.....	.....
8	1,025	95	4,826	4,433	764	764	47	135	12	17	98	91
9	91	45	122	91	259	133	43	12	3	.....	8	1
10	256	126	638	437	760	282	98	18	3	.....	23	.....
11	1,088	.....	1,909	1,652	201	.....	.....	.....	.....	.....	.....	.....
12	58	35	1,815	1,257	534	180	128	20	1	2	21	4
13	183	51	.....	.....	566	.....	.....	.....	.....	.....	.....	.....
14	193	33	457	269	520	262	84	40	7	2	31	5
15	462	215	1,203	701	171	249	62	30	5	6	34	11
16	103	59	413	182	103	138	68	29	4	3	22	4
17	221	13	215	111	129	117	64	26	7	.....	22	1
18	322	322	3,456	1,241	2,821	1,054	.....	72	26	.....	35	11
1	40	6	229	114	50	130	30	12	1	1	9	2
2	62	55	294	286	142	130	29	5	.....	1	6	.....
3	57	7	40	10	20	45	10	.....	.....	.....	4	1
4	64	52	561	228	153	97	53	6	1	.....	3	3
5	66	45	678	560	335	128	70	10	1	.....	10	4
6	109	53	190	154	166	92	34	29	3	.....	50	....
7	70	9	66	39	217	53	24	12	2	.....	13	1
8	83	40	389	208	78	133	19	20	5	.....	20	3
1	68	21	105	42	21	36	8	3	.....	.....	3	.....
2												
3	107	60	128	94	49	85	28	7	1	.....	5	3
4	49	49	793	293	130	76	.....	3	.....	1	4	.....
5	25	25	.....	.....	71	.....	.....	.....	.....	.....	.....	.....
6	6	6	6	3	20	10	.....	.....	.....	.....	.....	.....
7	54	33	103	57	132	39	3	3	1	.....	2	.....
8	19	7	98	71	120	48	3	.....	.....	.....	.....	.....
9	10	3	125	10	144	20	7	13	2	.....	11	.....
10												
11	19	19	288	.....	.....	80	.....	.....	.....	.....	.....	.....
12	9	1	65	65	24	20	.....	1	1	.....	.....	.....
1	98	20	150	90	190	165	80	18	5	.....	29	.....
2	87	29	151	110	79	141	38	13	2	.....	24	.....
3	127	48	336	95	25	168	29	93	1	.....	34	.....
4	118	61	231	219	167	183	50	22	.....	1	31	.....
5	289	98	167	167	174	158	51	40	11	.....	51	.....
6	79	42	310	310	81	137	45	3	.....	.....	3	.....
7	61	52	126	64	79	84	26	7	1	.....	9	...
8	95	30	208	208	73	96	46	10	1	1	17	1
9	24	16	78	58	13	62	23	12	3	2	10	1
10	226	107	552	430	507	300	71	29	3	.....	42	3
11	213	199	532	147	594	166	90	121	8	3	138	5

TABLE 9—REPORT OF THE HEALTH SERVICES IN

(C) School Health Service under County Council	No. of school children enrolled	Personnel			No. of children entering Grade I	No. of these who had physical examination before entering
		Public Health Nurse	M.D.	D.D.S.		
1 Oxford County.....Pub. and Sep.	4,298	2	.....	.....	639	.....
(D) School Health Service under Provincial Department of Education						
1 Toronto Normal Model School.....Pub..... (This report covers period from Sept. 1940, to June, 1941.)	420	1 p.t.	1 p.t.	.....	.....	.....
(B), (C) and (D) Totals.....	122,122	.....	.....	.....	11,066	2,557
(E) Municipalities in which School Nursing Service is paid for by School Boards and given by V.O.N., Private Agencies, and Red Cross.						
Victorian Order of Nurses						
Municiality *School*						
1 Braeside.....Pub.....	96	½	.....	.....	14	.....
2 Cobalt.....Pub. and Sep.	.....	½	.....	‡	62	.....
3 Huntsville.....Pub.....	493	½	.....	.....	62	35
4 London Twp., S.S. 28.....Pub.....	1,000	¼	.....	.....	11	.....
5 Napanee.....Pub.....	478	½	.....	‡	68	40
6 Nelson Twp.....Pub.....	224	¼	.....	.....	27	.....
7 New Liskeard.....Pub. and Sep.	595	½	.....	.....	73	.....
8 Point Edward.....Pub.....	196	¼	.....	.....	24	.....
9 Preston.....Pub. and Sep.	265	½	.....	.....	88	66
10 Walkerton.....Pub. and Sep.	685	½	.....	.....	50	47
11 Westminster Twp., S.S. 22.....Pub.....	190	¼	.....	.....	33	2
12 Whitby.....Pub. and Sep.	520	½	.....	.....	85	25
Private Agency sponsoring Nursing Service						
1 Creighton, Levack and Copper Cliff.....Pub.....	1,272	½	.....	.....	167	.....
2 Hespeler.....Pub. and Sep.	485	½	.....	‡	61	51
3 Leaside—St. Anslem.....Sep.....	122	¼	.....	.....	25	.....
4 Scarborough Twp.—St. Therese....Sep.....	74	¼	.....	.....	6	.....
5 " " —St. Dunstan...Sep.....	168	¼	.....	.....	22	.....
6 Schumacher.....Pub.....	671	1	⅛	1 p.t.	80	.....
7 South Porcupine.....Pub.....	821	1	⅛	1 p.t.	119	.....
School Nursing Service given by Red Cross from Outposts						
1 Apsley.....Pub.....	215	¼	.....	.....	22	.....
2 Armstrong.....	.....	.....	.....	.....	.....	.....
3 Atikokan.....Pub.....	231	¼	.....	.....	14	.....
4 Callander. (This report covers part of year only.).....Pub. and Sep.	1,536	¾	.....	.....	175	.....
5 Cochill.....	.....	.....	.....	.....	.....	.....
6 Haliburton.....Pub.....	573	¼	.....	.....	.....	.....
7 Hawk Junction.....Pub.....	.....	¼	.....	‡	.....	.....
8 Hornepayne.....Pub.....	125	¼	.....	.....	15	.....
9 Kakabeka Falls.....	.....	.....	.....	.....	.....	.....
10 Lion's Head.....Pub.....	550	¼	.....	.....	42	.....
11 Manitoulin Island.....Pub. and Sep.	1,612	¾	.....	.....	142	.....
12 Nakina.....Pub.....	152	¼	.....	.....	.....	.....
13 Port Loring.....Pub.....	231	¼	.....	.....	33	.....
14 Quibel.....Pub.....	380	1 p.t.	.....	‡	23	.....
15 Redditt.....Pub.....	89	¼	.....	.....	12	.....
16 St. Joseph's Island.....Pub.....	450	¼	.....	‡	.....	.....
17 Toronto Twp. and Port Credit.....Pub.....	769	½	.....	‡	89	.....
18 Whitney.....Pub. and Sep.	379	¼	.....	.....	24	.....
19 Wilberforce.....	.....	.....	.....	.....	.....	.....
(E) Totals.....	15,647	.....	.....	.....	1,668	266
Grand Totals.....	363,404	.....	.....	.....	34,528	9,173

‡In D.D.S. column means some dental work done by service clubs or other private agencies.

THE PUBLIC AND SEPARATE SCHOOLS OF ONTARIO, 1941

	No. of defects (other than dental) requiring correction found, 1941	No. of these defects corrected, 1941	No. of children with dental defects found, 1941	No. of children with dental defects corrected, 1941	No. of children excluded because of communicable disease	No. of Grade VIII children completing course, 1941	No. leaving with uncorrected dental defects	No. leaving with uncorrected defects (other than dental)	Uncorrected Defects: Vision	Hearing	Tonsils and defective nasal breathing	Other
1	1,637	272	928	.....	44	490	.....	.....	.....	.....	.....	.....
1	272	16	262	262	34	Records	not avail	able.				
	9,407	3,022	26,969	17,749	12,406	8,055	1,896	1,064	143	46	991	158
1	.....	.....	63	.....	5	10	5	.....	.....	.....	.....	.....
2	9	9	24	24	12	35	7	2	.....	.....	4	.....
3	.....	37	98	24	32	67	19	6	2	.....	7	.....
4	5	1	16	10	2	12	7	3	.....	.....	3	.....
5	17	8	55	44	100	43	8	9	3	1	6	.....
6	7	7	20	20	10	29	8	2	1	.....	1	.....
7	16	3	28	16	70	19	17	6	1	.....	5	.....
8	12	1	28	13	34	11	6	5	.....	5	.....	.....
9	14	14	46	33	143	.....	.....	.....	.....	.....	.....	.....
10	128	35	80	69	46	53	23	11	2	2	10	.....
11	3	2	10	7	.....	21	11	3	.....	.....	3	.....
12	57	31	196	174	8	60	7	2	1	.....	1	.....
1	117	47	412	310	73	143	38	17	5	.....	15	2
2	15	6	347	238	23	62	14	19	2	.....	3	.....
3	15	15	5	5	1	7	3	.....	.....	.....	.....	.....
4	17	2	14	5	15	13	11	5	.....	.....	5	.....
5	13	.....	125	12	22	12	.....	1	.....	.....	.....	1
6	54	19	313	176	15	50	23	9	.....	1	8	.....
7	42	9	262	69	37	67	34	20	2	.....	18	.....
1	6	.....	18	.....	.....	10	2	4	1	.....	1	2
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	59	59	91	.....	.....	7	4	.....	.....	.....	.....	.....
4	238	7	793	20	187	68	18	33	3	.....	27	8
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	191	191	95	95	11	.....	.....	.....	.....	.....	.....	.....
7	60	49	36	30	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	114	2	126	.....	12	.....	.....	.....	.....	.....	.....	.....
11	75	42	582	177	64	143	54	.....	8	2	20	32
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	15	2	3	3	22	14	7	.....	2	.....	7	1
14	12	1	103	103	4	11	5	5	1	.....	3	1
15	15	8	29	12	3	5	3	3	1	.....	2	.....
16	86	.....	.....	40	1	.....	.....	.....	.....	.....	.....	.....
17	130	24	212	40	9	85	44	10	5	.....	8	.....
18	123	23	258	156	25	.....	.....	.....	.....	.....	.....	.....
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1,565	654	4,488	1,925	986	1,057	378	175	40	11	157	47
	38,068	11,891	106,210	65,544	25,345	28,347	4,991	4,724	591	137	3,764	1,755

THE PUBLIC SCHOOLS

TABLE 10—AGE-GRADE DISTRIBUTION, MAY, 1941

(A) ALL SCHOOLS

		Under 5 years	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years and over	Totals	Totals by Grades	Per cent of Total Enrolment
KINDERGARTEN	Boys	35	3,673	2,796	131	11	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,650	13,000	3.0
	Girls	71	3,549	2,643	77	9	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,350		
KINDERGARTEN-PRIMARY	Boys	1	878	2,061	1,060	149	21	3	1	1	.....	.....	.....	.....	.....	.....	.....	4,175	8,032	1.9
	Girls	.....	805	1,935	1,011	88	15	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,857		
GRADE I	Boys	11	1,116	12,403	13,314	3,788	889	193	109	49	22	8	3	1	1	.....	.....	32,007	60,562	14.0
	Girls	17	1,011	12,372	11,760	2,541	571	174	58	26	14	3	2	.....	.....	.....	.....	28,555		
GRADE II	Boys	.....	2	311	8,341	12,658	4,631	1,510	442	178	71	28	8	2	.....	.....	.....	28,182	53,245	12.3
	Girls	.....	3	468	9,268	11,200	3,053	760	186	82	26	15	2	.....	.....	.....	.....	25,063		
GRADE III	Boys	.....	.....	2	468	7,075	10,729	4,834	1,694	604	224	77	23	4	1	.....	.....	25,735	49,216	11.3
	Girls	.....	.....	18	643	8,281	9,907	3,251	970	269	102	30	8	2	.....	.....	.....	23,481		
GRADE IV	Boys	.....	.....	.....	15	1,082	7,219	10,095	4,910	1,873	775	224	64	12	1	.....	.....	26,270	50,997	11.8
	Girls	.....	.....	.....	25	1,444	8,530	9,683	3,429	1,076	385	111	38	4	1	1	.....	24,727		
GRADE V	Boys	.....	.....	.....	.....	32	1,513	7,435	9,128	4,846	2,113	698	175	20	3	.....	.....	25,963	50,743	11.7
	Girls	.....	.....	.....	.....	83	2,055	8,758	8,663	3,540	1,176	393	96	13	1	1	1	24,780		
GRADE VI	Boys	.....	.....	.....	.....	.....	54	1,923	6,737	7,264	5,286	3,422	532	66	10	4	2	25,300	47,577	11.0
	Girls	.....	.....	.....	.....	.....	114	2,809	8,033	6,864	3,044	1,052	300	55	5	1	.....	22,277		
GRADE VII	Boys	.....	.....	.....	.....	.....	4	99	2,494	7,137	6,515	3,656	1,388	171	24	2	1	21,491	42,911	9.9
	Girls	.....	.....	.....	.....	.....	5	184	3,574	8,065	5,786	2,700	967	124	15	.....	.....	21,420		
GRADE VIII	Boys	.....	.....	.....	.....	.....	.....	5	171	3,345	8,181	6,801	3,794	879	91	16	5	23,288	48,202	11.1
	Girls	.....	.....	.....	.....	.....	.....	7	240	4,509	9,863	6,497	3,069	643	72	12	2	24,914		
GRADE IX	Boys	.....	.....	.....	.....	.....	.....	.....	2	19	279	535	390	148	24	6	3	1,406	3,643	.8
	Girls	.....	.....	.....	.....	.....	.....	.....	5	42	439	832	642	224	42	10	1	2,237		
GRADE X	Boys	.....	.....	.....	.....	.....	.....	.....	.....	1	26	131	193	145	43	4	6	549	1,610	.4
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	3	32	203	418	256	119	22	8	1,061		
JR. AUXILIARY CLASSES	Boys	.....	.....	5	31	109	191	280	352	411	411	393	376	57	12	3	3	2,634	3,859	.8
	Girls	.....	.....	2	11	45	100	146	194	223	210	156	101	25	8	1	3	1,225		
TOTALS BY SEXES	Boys	17	5,664	17,613	23,360	24,904	25,254	26,478	26,040	25,728	23,903	15,973	6,946	1,505	210	35	20	223,650		
	Girls	31	5,393	17,473	22,793	23,696	24,350	25,776	25,352	24,699	21,077	11,992	5,643	1,346	263	48	15	209,947		
GRAND TOTALS	.....	48	11,057	35,086	46,153	48,600	49,604	52,254	51,392	50,427	44,980	27,965	12,589	2,851	473	83	35	433,597		

Heavy lines denote ideal age spread for each grade.

(B) URBAN SCHOOLS

		Under 5 years	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years and over	Totals	Totals by Grades
KINDERGARTEN	Boys	5	3,638	2,796	131	11	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,585	
	Girls	14	3,514	2,643	75	9	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,256	12,841
KINDERGARTEN-PRIMARY	Boys	.....	502	1,641	979	131	18	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,273	
	Girls	.....	463	1,501	942	79	11	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,999	6,272
GRADE I	Boys	.....	175	6,346	7,278	1,932	359	99	26	8	4	.....	.....	.....	.....	.....	.....	16,227	
	Girls	1	154	6,411	6,594	1,265	229	44	18	3	2	1	.....	.....	.....	.....	.....	14,722	30,949
GRADE II	Boys	.....	.....	119	4,854	7,316	2,533	719	168	57	16	6	4	1	.....	.....	.....	15,793	
	Girls	.....	.....	160	5,515	6,597	1,652	338	67	31	7	3	1	.....	.....	.....	.....	14,371	30,164
GRADE III	Boys	.....	.....	1	179	3,962	5,731	2,533	891	257	78	18	12	1	1	.....	.....	13,664	
	Girls	.....	.....	.....	210	4,427	5,487	1,771	499	110	40	9	2	1	.....	.....	.....	12,556	26,220
GRADE IV	Boys	.....	.....	.....	1	649	4,331	5,832	2,837	981	392	94	31	7	.....	.....	.....	15,155	
	Girls	.....	.....	.....	7	887	5,245	5,733	1,962	597	195	39	18	1	.....	1	.....	14,685	29,840
GRADE V	Boys	.....	.....	.....	.....	16	933	4,374	5,232	2,714	1,167	371	102	15	3	.....	.....	14,927	
	Girls	.....	.....	.....	.....	34	1,238	5,199	5,144	2,010	681	207	61	6	1	.....	.....	14,581	29,508
GRADE VI	Boys	.....	.....	.....	.....	.....	23	1,147	4,080	4,223	2,489	2,678	313	34	3	2	2	14,994	
	Girls	.....	.....	.....	.....	.....	35	1,729	4,858	4,075	1,840	659	174	29	1	1	.....	13,401	28,395
GRADE VII	Boys	.....	.....	.....	.....	.....	.....	34	1,517	4,180	3,896	2,280	936	120	15	1	.....	12,979	
	Girls	.....	.....	.....	.....	.....	.....	55	2,142	4,845	3,524	1,756	695	80	10	.....	.....	13,107	26,086
GRADE VIII	Boys	.....	.....	.....	.....	.....	.....	.....	57	1,916	4,593	3,981	2,336	554	60	9	3	13,509	
	Girls	.....	.....	.....	.....	.....	.....	.....	75	2,619	5,837	3,845	1,976	406	45	6	.....	14,809	28,318
GRADE IX	Boys	.....	.....	.....	.....	.....	.....	.....	.....	4	125	241	200	69	10	6	3	658	
	Girls	.....	.....	.....	.....	.....	.....	.....	2	7	189	454	412	133	33	9	1	1,240	1,898
GRADE X	Boys	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	54	89	63	24	2	5	244	
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	77	225	160	80	20	7	577	821
JR. AUXILIARY CLASSES	Boys	.....	.....	4	29	94	174	245	306	360	350	334	337	47	11	3	3	2,297	
	Girls	.....	.....	2	11	43	92	128	178	201	182	141	88	19	6	1	3	1,095	3,392
TOTALS BY SEXES	Boys	5	4,315	10,907	13,451	14,111	14,105	14,986	15,114	14,700	13,117	10,057	4,360	911	127	23	16	130,305	
	Girls	15	4,131	10,717	13,354	13,341	13,989	15,001	14,945	14,498	12,505	7,191	3,652	835	176	38	11	124,399	
GRAND TOTALS	.....	20	8,446	21,624	26,805	27,452	28,094	29,987	30,059	29,198	25,622	17,248	8,012	1,746	303	61	27	254,704	

(C) RURAL SCHOOLS

		Under 5 years	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years and gver	Totals	Totals by Grades
KINDERGARTEN	Boys	.....	30	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65	159
	Girls	.....	57	35	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	94	
KINDERGARTEN-PRIMARY	Boys	1	376	420	81	18	3	1	1	1	.....	.....	.....	.....	.....	.....	.....	902	1,760
	Girls	.....	342	434	69	9	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	858	
GRADE I	Boys	11	941	6,057	6,036	1,856	530	194	83	41	18	8	3	1	1	.....	.....	15,780	29,613
	Girls	16	860	5,961	5,166	1,279	342	130	40	23	12	2	2	.....	.....	.....	.....	13,833	
GRADE II	Boys	.....	2	192	3,487	5,342	2,098	791	274	121	55	22	4	1	.....	.....	.....	12,389	23,081
	Girls	.....	3	308	3,753	4,603	1,401	422	119	51	19	12	1	.....	.....	.....	.....	10,692	
GRADE III	Boys	.....	.....	1	289	3,113	4,998	2,301	803	347	146	59	11	3	.....	.....	.....	.....	12,071
	Girls	.....	.....	18	433	3,854	4,420	1,480	471	159	62	21	6	1	.....	.....	.....	10,925	22,996
GRADE IV	Boys	.....	.....	.....	14	433	2,888	4,263	2,073	892	383	130	33	5	1	.....	.....	11,115	21,157
	Girls	.....	.....	.....	18	557	3,285	3,950	1,467	479	190	72	20	3	1	.....	.....	10,042	
GRADE V	Boys	.....	.....	.....	.....	16	580	3,061	3,896	2,132	946	327	73	5	.....	.....	.....	11,036	21,235
	Girls	.....	.....	.....	.....	49	817	3,559	3,519	1,530	495	186	35	7	.....	1	1	10,199	
GRADE VI	Boys	.....	.....	.....	.....	.....	31	776	2,657	3,041	2,797	744	219	32	7	2	.....	10,306	19,182
	Girls	.....	.....	.....	.....	.....	79	1,080	3,175	2,789	1,204	393	126	26	4	.....	.....	8,876	
GRADE VII	Boys	.....	.....	.....	.....	.....	4	65	977	2,957	2,619	1,376	452	51	9	1	1	8,512	16,825
	Girls	.....	.....	.....	.....	.....	5	129	1,432	3,220	2,262	944	272	44	5	.....	.....	8,313	
GRADE VIII	Boys	.....	.....	.....	.....	.....	.....	5	114	1,429	3,588	2,820	1,458	325	31	7	2	9,779	19,884
	Girls	.....	.....	.....	.....	.....	.....	7	165	1,890	4,026	2,652	1,093	237	27	6	2	10,105	
GRADE IX	Boys	.....	.....	.....	.....	.....	.....	.....	2	15	154	294	190	79	14	.....	.....	748	1,745
	Girls	.....	.....	.....	.....	.....	.....	.....	3	35	250	378	230	91	9	1	.....	997	
GRADE X	Boys	.....	.....	.....	.....	.....	.....	.....	19	1	119	77	104	82	19	2	1	305	789
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	3	24	126	193	96	39	2	1	484	
JR. AUXILIARY CLASSES	Boys	.....	.....	1	2	15	17	35	46	51	61	59	39	10	1	.....	.....	337	467
	Girls	.....	.....	.....	.....	2	8	18	16	22	28	15	13	6	2	.....	.....	130	
TOTALS BY SEXES	Boys	12	1,349	6,706	9,909	10,793	11,149	11,492	10,926	11,028	10,786	5,916	2,586	594	83	12	4	93,345	
	Girls	16	1,262	6,756	9,439	10,355	10,361	10,775	10,407	10,201	8,572	4,801	1,991	511	87	10	4	85,548	
GRAND TOTALS	.....	28	2,611	13,462	19,348	21,148	21,510	22,267	21,333	21,229	19,358	10,717	4,577	1,105	170	22	8	178,893	

TABLE 11—RELIGIOUS INSTRUCTION IN THE PUBLIC ELEMENTARY, AND ALL SECONDARY SCHOOLS (as reported in June 1942)

A.—Public Schools of the Cities

City	Number of Schools Reporting	Scriptures Read Daily	Scripture Passages Memorized	Opened with Prayer	Closed with Prayer	Religious Instruction by a Clergyman
Belleville	4	4	4	4	4	4
Brantford	11	11	11	11	11	.....
Chatham	3	3	3	3	3	3
Fort William	8	8	8	8	4	.....
Galt	4	4	4	4	4	4
Guelph	7	7	7	7	7	7
Hamilton	30	30	30	30	30	11
Kingston	8	8	8	8	1	8
Kitchener	7	7	7	7	7	.....
London	19	19	19	19	19	19
Niagara Falls	6	6	6	6	5	6
North Bay	5	5	2	5	2	5
Oshawa	8	8	7	8	2	8
Ottawa	19	19	19	19	19	.....
Owen Sound	5	5	5	5	5	5
Peterborough	6	6	6	6	6	6
Port Arthur	9	9	9	9	9	.....
St. Catharines	12	12	12	12	11	.....
St. Thomas	7	7	7	7	7	6
Sarnia	8	8	8	8	7	8
Sault Ste. Marie	10	10	10	10	10	10
Stratford	7	7	7	7	6	.....
Sudbury	6	6	.....	6	6	.....
Toronto	87	87	86	87	56	4
Welland	6	5	5	5	5	.....
Windsor	19	19	19	19	19	7
Woodstock	5	5	5	5	5	1
Totals—Cities	326	325	314	325	270	123

B.—Public Schools of the Counties

County	Rural						Urban (excluding Cities but including Large Suburban Schools)					
	Number of Schools Reporting	Scriptures Read Daily	Scripture Passages Memorized	Opened with Prayer	Closed with Prayer	Religious Instruction by a Clergyman	Number of Schools Reporting	Scriptures Read Daily	Scripture Passages Memorized	Opened with Prayer	Closed with Prayer	Religious Instruction by a Clergyman
Addington	22	20	10	22	19	.....	.....	.....	.....	.....	.....	.....
Brant	60	60	34	60	56	3	4	2	2	2	2	1
Bruce	158	158	134	157	134	27	16	15	10	14	12	5
Carleton	107	105	16	103	107	3	6	4	2	4	4	.....
Dufferin	80	79	55	80	73	15	3	3	1	3	3	2
Dundas	66	60	36	66	57	2	4	4	1	4	2	2
Durham	92	90	73	92	76	20	5	4	4	4	1	3
Elgin	104	104	104	104	104	14	7	7	7	7	7	4
Essex	109	102	72	109	101	6	17	16	14	17	14	4
Frontenac	125	116	71	124	89	13	1	1	.....	1	1	1
Glengarry	69	46	12	69	54	8	3	3	1	3	3	.....
Grenville	62	61	15	66	41	5	4	4	2	4	2	3
Grey	213	212	188	212	196	74	11	10	7	10	7	7
Haldimand	72	61	44	62	65	8	5	5	5	5	4	2
Haliburton	45	45	37	45	36	6	.....	.....	.....	.....	.....	.....
Halton	61	61	46	61	55	10	8	8	7	8	7	4
Hastings	176	163	52	176	137	14	11	10	4	10	10	5
Huron	175	175	172	169	173	23	9	9	9	9	9	7
Kent	139	136	93	139	138	28	10	9	5	9	9	3
Lambton	169	169	108	169	160	17	12	12	6	12	9	4
Lanark	111	102	70	111	85	6	10	5	4	5	5	2
Leeds	128	119	53	128	93	9	9	5	3	5	2	3
Lennox	82	80	46	82	69	5	4	3	1	3	1	.....
Lincoln	63	63	48	63	55	6	9	6	3	6	4	1
Middlesex	182	180	156	183	174	40	8	7	7	7	7	.....
Norfolk	101	101	61	101	88	6	6	6	2	6	4	4
Northumberland	104	100	62	104	75	10	5	5	4	5	2	3
Ontario	119	114	62	119	94	15	8	8	3	8	6	7
Oxford	106	104	87	106	103	31	10	6	4	6	5	5
Peel	76	75	51	76	67	5	8	8	8	8	6	6
Perth	110	107	73	109	91	5	5	4	4	4	3	2
Peterborough	91	81	60	91	65	26	5	4	3	4	3	3
Prescott	42	25	7	42	38	11	4	4	2	4	2	1
Prince Edward	70	70	40	70	49	10	4	3	1	3	1	.....
Renfrew	160	133	69	159	153	1	11	10	9	10	8	4
Russell	23	21	6	22	18	.....	1	1	1	1	1	.....
Simcoe	146	138	69	146	124	27	22	21	18	22	21	8
Stormont	74	74	17	74	64	.....	2	2	2	2	2	.....
Victoria	97	91	47	94	77	6	8	5	3	5	5	2
Waterloo	85	84	65	85	76	3	8	6	5	6	5	.....
Welland	75	75	37	75	65	3	23	23	18	23	21	6
Wellington	140	138	93	140	129	10	9	9	9	9	8	6
Wentworth	71	71	51	71	60	16	7	6	6	6	6	3
York	173	167	125	167	160	58	40	32	26	32	31	8
Totals—Counties	4,533	4,336	2,827	4,503	3,943	605	364	315	233	316	267	131

TABLE 11—RELIGIOUS INSTRUCTION IN THE PUBLIC ELEMENTARY, AND ALL SECONDARY SCHOOLS (as reported in June 1942)

C.—Public Schools of the Districts

Districts	Rural						Urban (excluding Cities but including Large Suburban Schools)					
	Number of Schools Reporting	Scriptures Read Daily	Scripture Passages Memorized	Opened with Prayer	Closed with Prayer	Religious Instruction by a Clergyman	Number of Schools Reporting	Scri tures Read Daily	Scripture Passages Memorized	Opened with Prayer	Closed with Prayer	Religious Instruction by a Clergyman
Algoma	89	87	42	89	68	8	5	5	2	5	5	.....
Cochrane	64	62	26	65	58	7	13	13	6	13	11	5
Kenora	32	32	13	32	32	.....	7	7	2	7	5	.....
Manitoulin	42	42	21	42	37	9	2	2	1	2	2	.....
Muskoka	82	78	43	82	69	16	9	7	4	7	5	1
Nipissing	69	44	14	50	48	5	3	3	2	3	3	2
Parry Sound	112	108	50	112	97	7	10	9	3	10	8	.....
Patricia	9	9	3	9	9	.....	.....	.....	.....	.....	.....	.....
Rainy River	60	60	25	60	41	6	3	2	2	2	.....	.....
Sudbury	99	71	35	96	93	10	10	10	3	10	9	.....
Thunder Bay	103	103	89	101	72	3	2	2	2	2	2	.....
Timiskaming	74	72	36	74	71	11	9	8	5	8	8	4
Totals—Districts	835	768	397	812	695	82	73	68	32	69	58	12
All Public, exclusive of Cities	5,368	5,104	3,224	5,315	4,638	687	437	383	265	385	325	143
All Public Schools 1941-42, Rural and Urban	6,133	5,814	3,805	6,027	5,235	955	.....	.....	.....	.....	.....	.....
All Public Schools 1940-41, Rural and Urban	6,280	5,971	3,703	6,203	5,305	606	.....	.....	.....	.....	.....	.....

D.—Summary of All Schools

	Public Elementary				Secondary				Grand Total
	City	Town, Village, and Suburban	Rural	Total	Continuation	High and Collegiate	Vocational (a)	Total	
Number of schools reporting	328	437	5,368	6,133	200	231	19	450	6,583
Number in which Scriptures are read daily	327	383	5,104	5,814	168	139	17	324	6,138
Number in which passages from the Scriptures are memorized	316	265	3,224	3,805	12	2	.....	14	3,819
Number opened with prayer	327	385	5,315	6,027	195	228	19	442	6,469
Number closed with prayer	272	325	4,638	5,235	24	14	2	40	5,275
Number in which religious instruction is given by a clergyman	125	143	687	955	13	22	3	38	993

(a) Purely Vocational. Composite schools are included with High Schools and Collegiate Institutes.

TABLE 12—PROMOTION AND RETARDATION IN CITIES, LARGE TOWNS, AND TORONTO SUBURBAN AREAS

SCHOOL YEAR 1941-42 — NEAREST WHOLE PERCENTAGE

Cities	Grade I		Grade II		Grade III		Grade IV		Grade V		Grade VI		Grade VII		Grade VIII		Average	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
Belleville	71	68	92	92	89	89	90	88	92	93	89	88	84	84	86	86	86	86
Brantford	87	88	86	85	91	90	93	93	86	85	92	92	90	90	89	88	90	90
Chatham	82	81	66	64	82	82	91	91	89	89	91	91	90	89	88	87	86	86
Fort William	85	83	93	93	92	91	91	92	93	93	90	90	86	86	93	92	91	91
Galt	87	87	92	92	93	94	95	95	95	94	90	90	94	94	97	97	93	92
Guelph	87	88	90	90	76	75	89	89	91	91	92	92	89	90	92	93	90	90
Hamilton	82	82	83	82	86	85	86	85	84	84	84	83	82	82	82	82	85	84
Kingston	86	85	90	88	91	91	92	91	90	90	90	90	88	87	91	91	91	90
Kitchener	89	91	89	88	92	91	92	92	87	80	88	89	86	85	90	90	89	89
London	89	90	89	89	90	91	88	89	89	89	88	88	90	89	88	89	90	90
Niagara Falls	88	88	90	92	91	91	88	87	89	88	90	91	79	79	88	89	88	88
North Bay	86	88	84	81	90	90	91	93	90	90	89	88	92	88	96	96	90	90
Oshawa	86	84	90	90	93	93	93	93	90	90	92	92	90	90	92	92	91	91
Ottawa	86	84	89	88	99	99	99	99	89	88	92	91	91	91	87	86	90	88
Owen Sound	84	83	90	91	91	91	92	91	90	82	90	91	90	90	93	94	91	90
Peterborough	78	80	79	78	77	76	81	81	81	81	85	86	80	80	91	92	83	83
Port Arthur	75	70	87	86	88	88	89	89	90	93	90	90	88	89	87	89	87	87
St. Catharines	81	81	88	88	91	90	92	92	91	90	86	86	92	91	90	90	89	89
St. Thomas	80	80	87	88	88	88	96	94	93	93	91	91	91	91	94	94	90	90
Sarnia	93	92	92	93	88	87	92	92	91	90	87	86	83	81	86	85	90	89
Sault Ste. Marie	83	83	87	86	86	85	87	86	91	91	93	93	89	88	89	89	89	89
Stratford	93	93	92	92	96	96	95	95	96	96	91	90	95	95	94	93	95	94
Sudbury	91	91	93	93	94	94	93	93	94	95	98	98	95	95	88	88	93	93
Toronto	84	84	90	89	91	91	90	90	87	87	88	88	84	84	84	83	87	86
Welland	62	62	72	76	76	73	89	89	82	81	74	75	76	75	75	73	76	76
Windsor	85	85	90	90	90	90	91	91	91	92	92	92	88	89	86	86	89	89
Woodstock	88	91	86	87	86	86	87	88	91	91	92	92	91	91	97	97	90	91
Averages	84	84	88	88	90	91	92	90	88	88	88	88	86	85	86	86	88	88
Towns																		
Barrie	89	88	92	91	93	93	96	96	89	89	93	91	97	98	86	85	92	92
Brockville	72	63	84	81	85	83	89	88	86	88	92	92	72	68	87	84	85	84
Cornwall	81	81	86	85	69	62	62	62	77	77	90	90	91	91	97	97	83	83
Kenora	85	84	84	83	82	83	93	93	83	82	86	84	75	72	88	88	85	83
Kirkland Lake	90	89	99	99	97	97	99	99	96	97	98	98	97	97	99	99	97	97
Lindsay	81	83	84	86	93	93	95	96	87	86	86	83	92	92	86	84	88	88
Midland	74	67	81	79	80	78	80	80	85	85	89	88	79	77	87	85	81	79
Mimico	88	88	95	95	95	95	95	95	90	89	94	94	90	89	93	93	93	92
New Toronto	90	92	87	86	89	89	92	92	91	95	87	87	92	92	88	88	90	90
Orillia	83	81	91	92	91	91	93	94	88	87	91	90	82	83	92	92	89	89
Pembroke	76	76	57	56	79	81	90	90	73	71	90	90	78	78	87	86	80	81
Port Colborne	90	93	87	85	88	88	87	88	74	77	83	85	87	86	83	80	85	86
Preston	93	93	90	90	95	95	100	100	100	100	98	98	86	84	94	94	94	94
Smith's Falls	99	99	80	80	84	84	94	94	98	98	98	98	94	94	96	96	93	92
Timmins	73	70	89	90	95	95	92	93	93	93	93	93	91	91	92	91	89	89
Trenton	84	77	90	89	95	94	82	82	82	78	98	98	93	92	87	85	89	88
Waterloo	85	85	93	93	93	95	98	98	91	91	93	93	90	90	97	97	93	93
Averages	84	83	88	87	90	90	91	91	88	88	92	92	88	88	91	90	89	89
Suburban Schools																		
York Twp.	90	90	93	92	95	95	93	93	91	91	93	93	91	91	91	91	93	93
York East Twp.	89	89	94	94	95	95	94	94	90	90	95	95	91	91	93	92	93	92
Averages, All	85	84	89	88	90	91	92	90	88	88	89	89	87	86	87	87	88	88

A—Percentage promoted in each grade. B—Percentage in grade one year or less who were promoted in one year.

REASONS FOR NON-PROMOTION

(Percentages)

Lack of Ability	43.7
Lack of Application	14.7
Less than regular time in Grade	10.2
Previous Promotion Premature	8.6
Ill-Health affecting Attendance	6.1
Irregular Attendance	5.4
Adverse Home Conditions	3.2
Too Frequent Transfers	2.2
Minor Causes	1.9
Ill-Health not affecting Attendance	1.1
Defective Speech	.8
Pupils of Foreign Parentage	.8
Minor Physical Defects	.5
Defective Sight	.4
Defective Hearing	.3
Physical Deformity	.1
Total	100.0

TABLE 13—TEACHERS' SALARIES, 1941-42
Frequency Distribution

	Ordinary Rural Schools	Towns and Villages under 1,500 population	Towns and Villages population of 1,500 and over	Large Sub-urban and Semi-Urban Schools	City Schools	All Schools 1941-42	All Schools 1940-41	Group Totals	Group Percentages
Over $3,750	.....	.....	.....	.....	4	4	4		
$3,651 - $3,750	.....	.....	.....	1	63	64	59	72	.5
$3,551 - $3,650	.....	.....	.....	.....	4	4	8		
$3,451 - $3,550	.....	.....	.....	.....	11	11	8		
$3,351 - $3,450	.....	.....	.....	.....	13	13	16		
$3,251 - $3,350	.....	.....	.....	2	21	23	14	76	.5
$3,151 - $3,250	.....	.....	.....	.....	9	9	13		
$3,051 - $3,150	.....	.....	2	.....	18	20	16		
$2,951 - $3,050	.....	.....	2	3	48	53	43		
$2,851 - $2,950	.....	.....	1	1	107	109	101		
$2,751 - $2,850	.....	.....	4	2	162	168	143	418	2.9
$2,651 - $2,750	.....	.....	4	2	36	42	74		
$2,551 - $2,650	.....	.....	3	1	42	46	58		
$2,451 - $2,550	.....	.....	7	3	38	48	38		
$2,351 - $2,450	.....	.....	8	9	53	70	74		
$2,251 - $2,350	.....	.....	7	4	124	135	130	1,201	8.5
$2,151 - $2,250	.....	3	10	6	781	800	807		
$2,051 - $2,150	.....	.....	12	8	118	148	193		
$1,951 - $2,050	5	2	22	11	110	150	123		
$1,851 - $1,950	3	2	23	10	178	216	196		
$1,751 - $1,850	9	6	32	22	294	363	274	1,386	9.8
$1,651 - $1,750	4	5	24	29	192	254	332		
$1,551 - $1,650	14	7	27	38	317	403	320		
$1,451 - $1,550	19	11	67	201	242	540	614		
$1,351 - $1,450	18	21	66	109	365	579	498		
$1,251 - $1,350	40	24	54	72	292	482	499	3,093	21.7
$1,151 - $1,250	98	26	154	90	267	635	657		
$1,051 - $1,150	165	54	280	121	237	857	718		
$951 - $1,050	513	75	315	117	277	1,297	1,092		
$851 - $950	1,161	182	350	80	217	1,990	1,283		
$751 - $850	2,725	162	180	37	91	3,195	2,024	7,985	56.1
$651 - $750	1,308	45	23	2	9	1,387	2,942		
Below $651	106	6	.....	.....	4	116	850		
Totals	6,188	631	1,680	981	4,744	14,224	14,231		

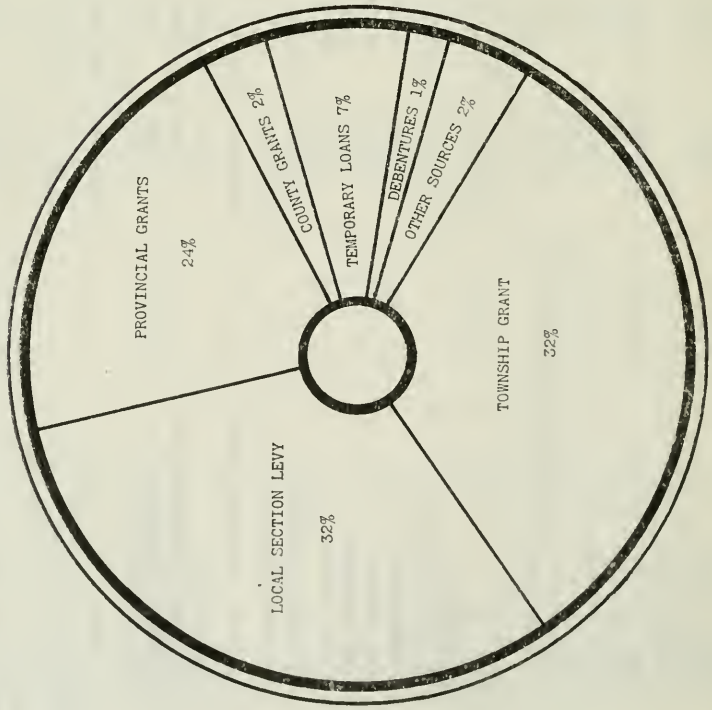
The upward trend in teachers' salaries between the school years 1940-41 and 1941-42 is most evident within the lowest paid group of rural teachers. In 1940-41 the predominating rural salary was $700. In 1941-42 it had risen to $800. 1,736 teachers drew this figure, which is equivalent to $15.38 per week for a 52-week year.

TABLE 14—FINANCIAL STATISTICS, 1940
(as reported by Trustee Boards)

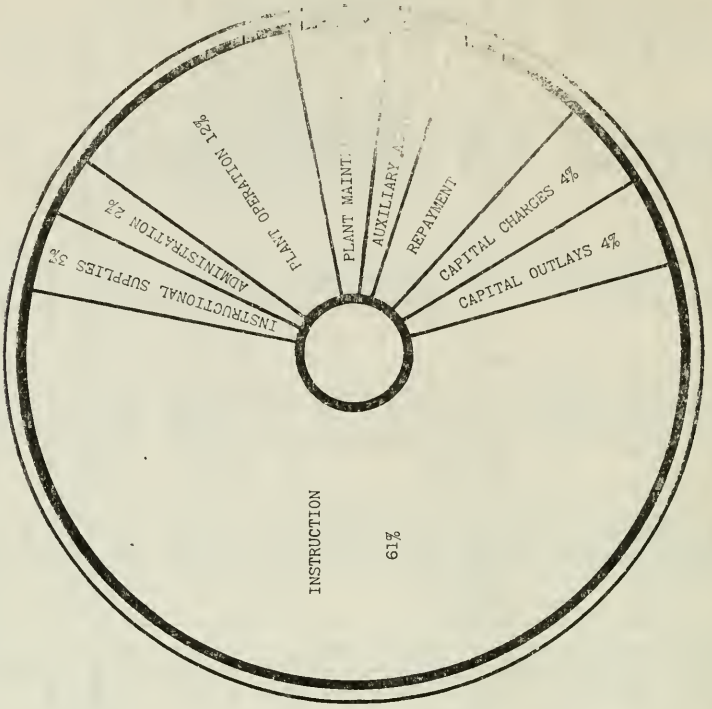
	Cities	Towns	Villages	Large Suburban and Semi-Urban	Ordinary* Rural Schools in the Counties	Ordinary* Rural Schools in the Districts	All Ordinary Rural Schools	All Public Elementary Schools
Receipts:								
Beginning Balances	$377,672	$133,169	$111,196	$97,038	$3,132,219	$373,010	$3,505,259	$4,227,634
Provincial Grants	453,502	319,048	169,977	609,531	1,389,007	714,275	2,103,282	3,655,340
County Grants	.....	1,476	1,285	30,643	165,073	.....	165,073	198,477
Township Grants	.....	.....	.....	161,778	2,779,401	65,330	2,844,731	3,009,512
Local Tax Levy	13,845,351	2,756,222	889,219	1,516,431	2,123,172	696,496	2,819,668	21,826,894
Temporary Loans	16,262	21,512	79,999	33,603	115,271	161,575	609,816	761,222
Sale of Debentures	353,735	70,610	118,525	18,251	28,053	30,012	58,065	649,219
Other Sources	176,636	72,282	20,330	25,883	131,606	79,919	211,555	506,686
Difference between Gov't. and Board Superannuation Deductions	5,182	3,170	1,215	2,376	7,373	1,303	8,676	20,919
Totals	$15,228,340	$3,377,819	$1,425,016	$2,498,540	$10,201,178	$2,124,980	$12,326,158	$34,855,903
Disbursements:								
Instruction	$8,981,478	$1,892,200	$610,596	$1,295,397	$4,211,453	$865,698	$5,110,151	$17,919,822
Instructional Supplies	331,596	95,314	29,938	84,523	187,478	43,572	231,050	772,421
Administration	418,207	53,166	19,597	41,521	131,942	65,741	197,683	730,474
Plant Operation	1,329,854	424,408	140,613	257,629	827,767	150,761	978,528	3,131,032
Plant Maintenance	631,361	162,412	42,355	107,196	309,090	77,989	387,079	1,330,403
Auxiliary Agencies	164,732	46,047	23,002	41,182	121,431	77,556	198,687	473,650
Current Operations	$11,857,228	$2,673,847	$896,101	$1,827,448	$5,821,861	$1,281,317	$7,103,178	$24,357,802
Debenture Payments	2,489,119	441,747	176,366	433,330	259,459	86,173	345,632	3,886,194
Total—Current and Capital	$14,346,347	$3,115,594	$1,072,467	$2,260,778	$6,081,320	$1,367,490	$7,448,810	$28,243,996
Capital Out ays	$51,873	$100,039	$102,630	$84,367	$215,138	$156,412	$371,580	$710,489
Repayment of Temporary Loans	362,804	24,367	72,994	34,261	140,932	168,102	609,034	1,103,460
Extraneous Payments	12,279	548	.....	.....	.....	.....	.....	12,827
Balance on Hand	455,037	137,271	176,955	119,134	3,463,788	432,946	3,896,734	4,785,131
Totals	$15,228,340	$3,377,819	$1,425,016	$2,498,540	$10,201,178	$2,124,980	$12,326,158	$34,855,903
Debt: Debenture Debt	$18,947,202	$3,617,261	$1,850,571	$5,317,789	$1,832,361	$522,811	$2,355,175	$32,087,998
Debt on Current Operations	45,237	15,834	3,592	31,905	67,673	83,891	151,567	248,435
Number of Classrooms	1,456	1,592	619	917	5,272	972	6,244	13,858
Average Daily Attendance per Classroom	36	35	30	35	20	22	20	29
Cost per Pupil Day (in cents):								
(a) Current Operations	37.7	24.6	20.0	29.1	27.1	32.0	27.9	31.0
(b) Capital Charges	7.9	4.1	3.9	7.0	1.2	2.2	1.4	5.0
(c) Total Current and Capital	45.6	28.7	23.9	36.1	28.3	34.2	29.3	36.0

*"Ordinary" excludes all schools over 6 rooms in size, i.e., "Large Suburban and Semi-Urban".

ORDINARY RURAL PUBLIC SCHOOL FINANCES



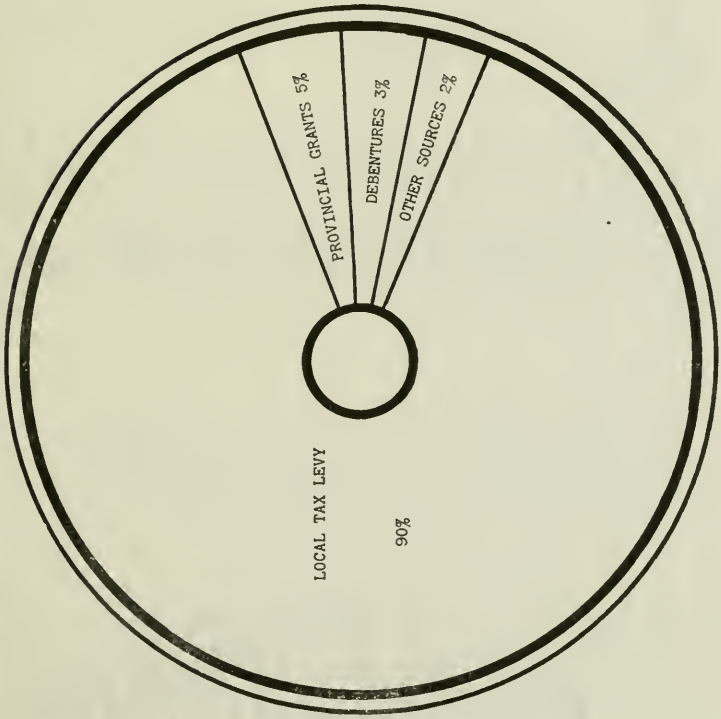
1. Sources of Income.



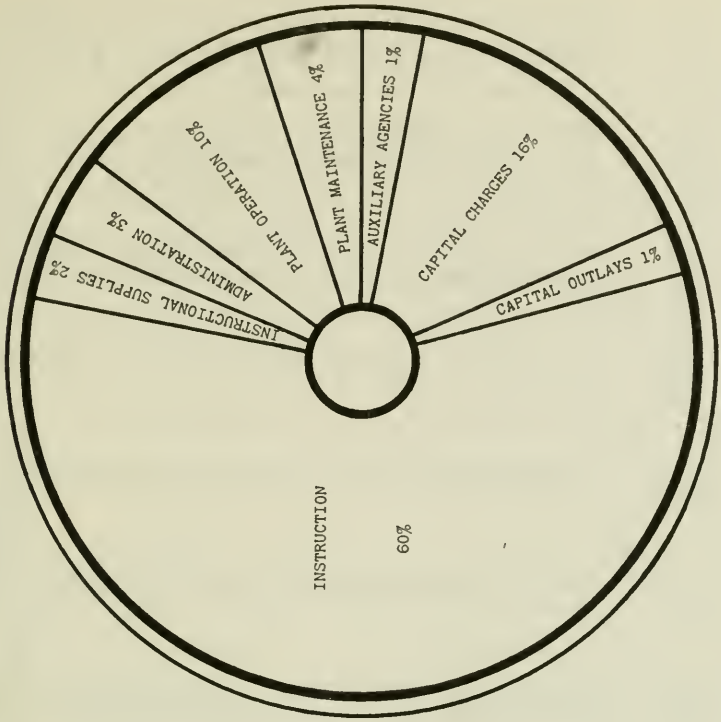
2. Distribution of Expenses.

Graph 3.

URBAN PUBLIC SCHOOL FINANCES



1. Sources of Income.



2. Distribution of Expenses.

Graph 4.

TABLE 15—ANALYSIS OF EXPENSES IN CITIES, 1940

(Per pupil of average daily attendance)

Cities	Average Daily Attendance	Current							Capital Charges	Total
		Instruction	Instructional Supplies	Administration	Plant Operation	Plant Maintenance	Auxiliary Agencies	Total Current		
Belleville	1,578	$38.21	$2.43	$1.61	$6.89	$ 1.42	$1.80	$52.36	$13.02	$65.38
Brantford	3,440	45.66	2.34	.98	7.59	2.83	.....	59.40	6.30	65.70
Chatham	1,780	50.04	1.43	1.04	6.00	3.20	1.00	62.71	.....	62.71
Fort William	2,771	53.28	1.97	1.09	10.04	3.96	1.88	72.22	35.84*	108.06
Galt	1,568	37.57	2.29	1.10	7.11	2.46	1.77	52.30	3.84	56.14
Guelph	2,262	33.16	1.51	1.38	6.44	2.09	.62	45.20	3.96	49.16
Hamilton	16,818	49.14	1.41	1.38	7.01	1.75	.08	60.77	13.45	74.22
Kingston	2,565	38.08	2.56	1.17	7.64	3.98	1.12	54.55	11.62	66.17
Kitchener	3,525	46.56	2.60	1.52	7.12	1.87	1.10	60.77	16.02	76.79
London	7,777	50.57	3.21	1.91	8.44	5.64	3.04	72.81	14.58	87.39
Niagara Falls	2,119	43.00	1.28	1.35	8.23	3.80	1.84	59.50	18.40	77.90
North Bay	1,274	48.71	1.51	1.37	12.53	3.33	.46	67.91	17.34	85.25
Oshawa	3,260	37.80	1.80	1.24	7.08	1.75	.80	50.47	16.31	66.78
Ottawa	8,421	72.53	2.69	3.52	10.90	3.31	3.83	96.78	18.74	115.52
Owen Sound	1,872	35.19	1.82	.95	6.09	1.89	3.55	49.49	2.67	52.16
Peterborough	2,434	57.68	2.85	1.88	7.57	3.30	2.76	76.04	12.56	88.60
Port Arthur	2,344	49.30	1.67	.73	9.81	5.81	.51	67.83	20.99	88.82
St. Catharines	3,017	45.88	2.81	1.47	7.89	4.91	3.07	66.03	8.22	74.25
St. Thomas	1,712	40.79	3.46	1.35	7.47	2.26	.....	55.33	1.38	56.71
Sarnia	2,071	49.70	1.98	2.21	8.82	2.75	1.23	66.69	8.60	75.29
Sault Ste. Marie	2,743	39.84	1.32	1.61	9.89	3.91	1.10	57.67	18.16	75.83
Stratford	1,825	44.98	1.75	.67	10.43	2.34	.28	60.45	14.79	75.24
Sudbury	2,016	36.08	1.55	1.27	8.13	3.16	1.22	51.41	19.66	71.07
Toronto	68,889	65.48	1.97	3.85	7.99	4.92	.23	84.44	16.42	100.86
Welland	1,616	48.05	1.77	1.45	9.38	3.54	1.00	65.19	12.53	77.72
Windsor	9,683	50.56	2.39	2.25	11.03	3.95	3.09	73.27	34.30	107.57
Woodstock	1,309	35.91	2.06	.77	7.17	3.03	.15	49.09	.....	49.09
Totals and Averages	160,689	55.89	2.06	2.60	8.28	3.93	1.02	73.78	15.46	89.24
Percentages	.....	75.7	2.8	3.5	11.3	5.3	1.4	100.0	.....	.....

*1941.

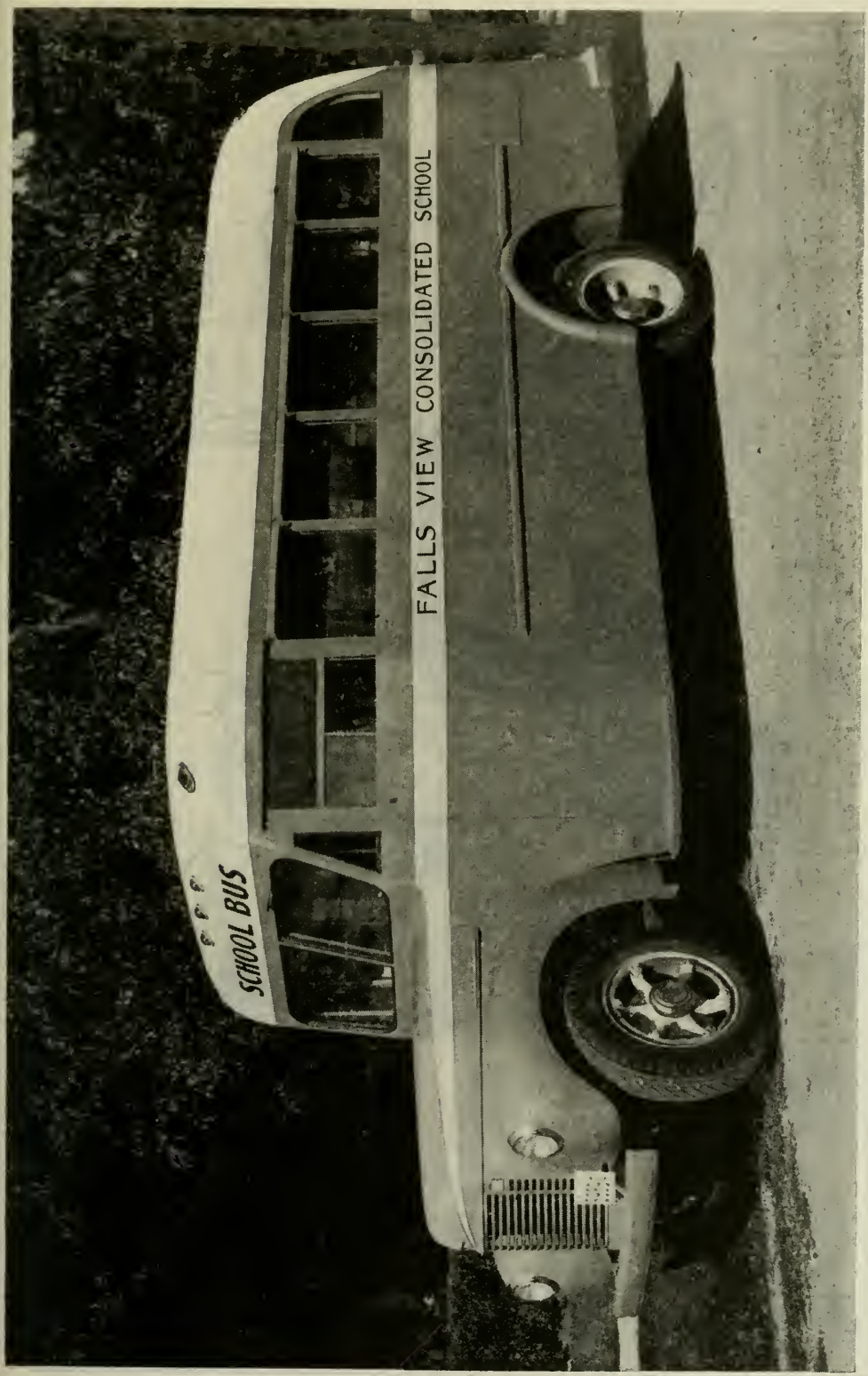
TABLE 16—CONSOLIDATED SCHOOLS, 1940-41

No.	Consolidated School	County or District	Sections Consolidated	Assessment	No. of Teachers	Grade of Certificate		Enrolment	No. Conveyed	Average Attendance	Attendance Efficiency Percentage	No. in Fifth Class	No. in Continuation School
						I	II						
1	Barwick	Rainy River	4, 11, 12 Barwick	$96,490	3	3	...	78	38	65.7	83.8	5	.....
2	Burriss	Rainy River	1, 2 Burriss	53,310	3	2	1	60	44	40.8	87.8	5	.....
3	Byng Inlet	Parry Sound	2 Wallbridge, 1 Henvey	61,395	3	3	.....	137	47	116.6	89.7	4	.....
4	Charlton	Temiskaming	2, 6 Dack, Charlton Town	95,242	3	3	.....	82	56	63.0	88.5	6	.....
5	Dorion	Thunder Bay	1, 2, 3, Dorion	75,263	3	3	.....	82	58	65.9	87.0	8	.....
6	Falls View	Welland	7, 8, Stamford	1,846,005	8	8	.....	318	82	255.4	93.1	.....	.....
7	Gooderham	Haliburton	3, 4, 5 Glamorgan	40,000	3	1	2	67	40	53.9	88.0	4	.....
8	Grant	Carleton	3, 15 Nepean	524,217	4	4	.....	157	18	112.6	90.2	.....	.....
9	Grantham	Lincoln	5, 6, Grantham	404,600	8	8	.....	328	50	254.8	90.8	38	.....
10	Hudson	Temiskaming	Hudson Township	142,255	2	2	.....	78	61	48.9	91.7	4	.....
11	Humber Heights	York	3 Etobicoke (3 schools)	798,426	7	6	1	319	67	256.5	92.3	.....	.....
12	Katrine	Parry Sound	1, 5 Armour	48,701	1	1	.....	27	18	23.2	85.7	2	.....
13	Macdonald	Wellington	6½, 7 Guelph	446,905	5	3	2	152	*	122.0	91.9	18	.....
14	Mallorytown	Leeds	4, 5, 6 Front of Yonge, 17 Front of Escott	239,311	4	2	2	140	54	105.7	85.6	.....	62
15	Mindemoya	Manitoulin Island	1, 4 Carnarvon	89,845	2	1	1	112	50	95.5	90.9	.....	43
16	Morley	Rainy River	7 Morley, 9 Morley and Dilke, 1 Long Sault	185,398	3	3	.....	122	77	100.0	91.0	11	.....
17	Nipigon	Thunder Bay	1, 2, 3 Nipigon	623,202	6	6	.....	191	28	176.5	90.8	.....	20
18	Nobel	Parry Sound	1 Carling, 3 MacDougall	236,350	3	3	.....	149	72	86.7	88.8	10	.....
19	North Mountain	Dundas	9, 12, 13, 14 Mountain	315,075	7	4	3	144	105	118.7	87.1	.....	37
20	Pointe au Baril	Parry Sound	1, 2 Harrison	307,225	1	1	.....	41	36	22.1	85.5	3	.....
21	Quibell	Kenora	1, 2, 3 Wabigoon, 1 Redvers	52,225	2	2	.....	47	34	42.3	94.7	1	.....
22	Savard	Temiskaming	1, 2 Savard, 2 Robillard	67,530	2	1	1	86	76	52.3	81.1	6	.....
23	Sundridge	Parry Sound	6, 4 Strong, Sundridge Village	235,041	5	4	1	188	35	150.5	89.7	.....	38
24	Tamworth	Lennox and Addington	3, 6, 7 Sheffield, 28 Camden	303,464	3	1	2	179	63	106.3	88.0	.....	61
25	Tweed	Hastings	3, 5 Hungerford, Tweed Village	795,123	6	2	4	209	95	173.7	92.1	.....	.....
26	Wellington	Prince Edward	10, 11, 14 Hillier, 2, 10 Hallowell, Wellington Village	576,499	9	6	3	353	135	267.3	88.6	.....	95
27	West Guilford	Haliburton	2, 5, 6 Guilford	31,225	3	1	2	94	66	75.6	88.4	6	.....
28	Wilberforce	Haliburton	2, 6 Monmouth, 8 Cardiff	27,082	3	2	1	59	24	47.8	91.3	.....	18
			Totals	.....	112	86	26	3,999	1,529	3,101.6	90.7 (Aver.)	131	374

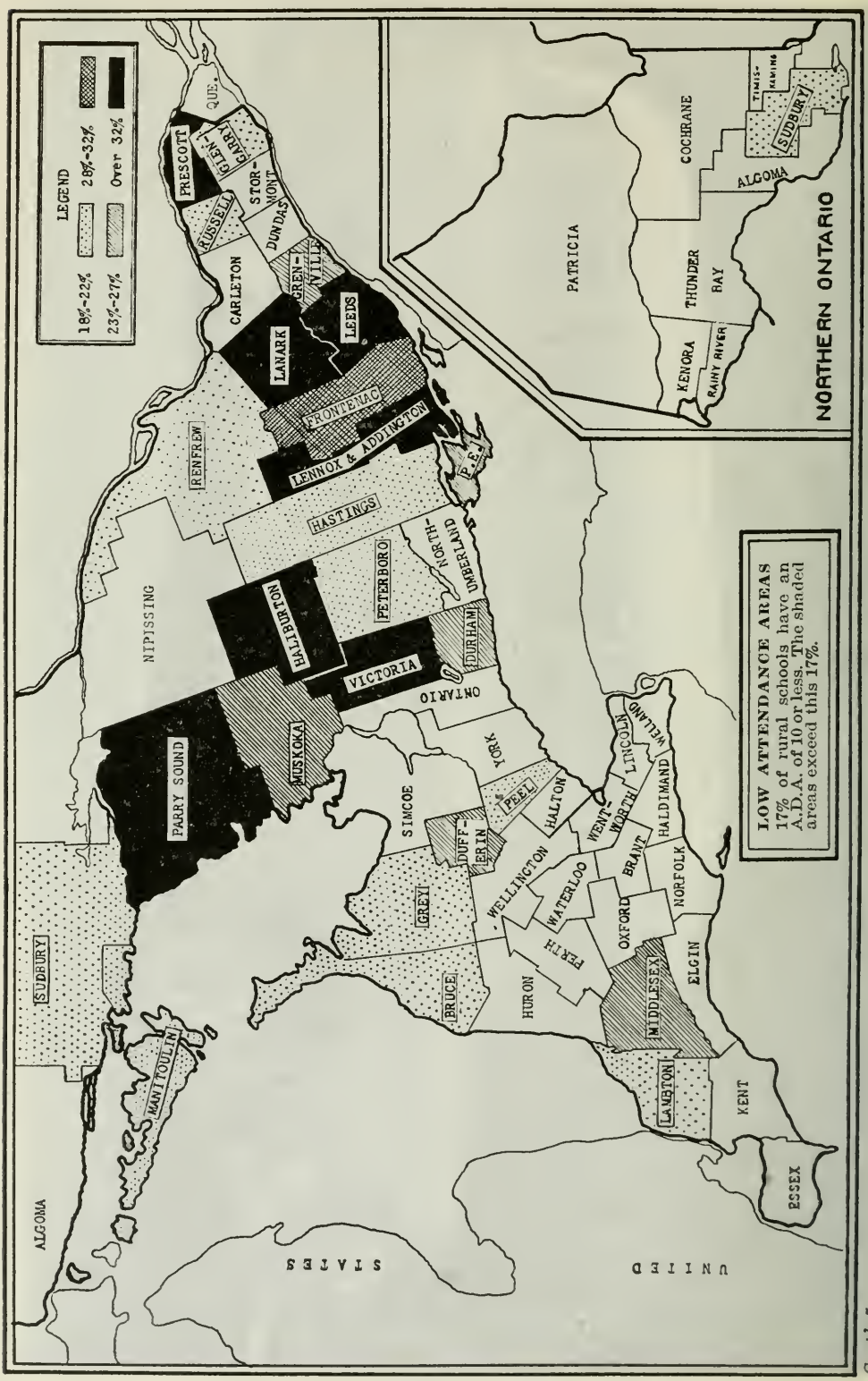
*Students conveyed by street cars.

TABLE 16—CONSOLIDATED SCHOOLS, 1940-41

No.	Consolidated School	Cost of Operation					Legislative Grants					Cost per Pupil of Average Attendance		
		Teachers' Salaries	Transportation	Total Current	Capital Charges	Gross Cost	General	Transportation	Special on Salaries and Equipment	Fifth Class and Continuation School	Total	To Section	To Government	Total
		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
1	Barwick	2,700.00	1,289.89	5,034.11	1,598.00	6,632.43	2,638.80	856.16	300.00	315.86	4,110.82	38.35	62.53	100.88
2	Burriss	2,700.00	2,352.05	6,759.95	1,452.98	8,212.93	3,799.34	1,410.96	300.00	275.10	5,785.40	59.46	142.69	201.15
3	Byng Inlet	3,200.00	1,640.50	6,681.85	348.74	7,030.59	3,816.05	1,000.86	342.70	249.86	5,409.47	13.90	46.39	60.29
4	Charlton	2,557.25	2,185.40	6,574.76	.....	6,574.76	1,725.59	1,349.04	302.15	326.46	3,703.24	45.55	58.74	104.29
5	Dorion	2,650.00	2,513.84	8,013.31	983.72	9,007.03	2,644.66	1,508.30	300.00	270.00	4,722.96	64.76	71.57	136.33
6	Falls View	10,793.53	1,733.00	25,970.56	.....	25,970.56	2,640.51	511.53	817.52	.....	3,969.56	86.13	15.54	101.67
7	Gooderham	2,400.00	2,036.24	4,910.05	.....	4,910.05	2,821.33	1,221.75	300.00	270.00	4,613.08	5.51	85.52	91.03
8	Grant	4,500.00	540.38	7,938.37	6,192.49	14,130.86	1,313.90	173.66	425.00	.....	1,912.56	108.40	16.97	125.40
9	Grantham	8,716.00	1,000.00	13,329.26	.....	13,329.26	4,339.34	300.00	800.00	165.44	5,604.78	30.30	22.00	52.30
10	Hudson	1,814.44	1,550.40	4,257.44	.....	4,257.44	877.73	912.00	200.00	130.00	2,119.73	43.65	43.28	86.93
11	Humber Heights	8,109.50	1,303.50	14,831.56	.....	14,831.56	3,738.95	391.05	700.00	.....	4,830.00	38.98	18.83	57.81
12	Katrine	950.00	781.00	1,955.02	.....	1,955.02	514.36	468.60	100.00	.....	1,082.96	37.45	46.49	83.94
13	Macdonald	6,173.50	95.00	9,631.57	.....	9,631.57	2,676.88	28.70	500.00	165.36	3,370.94	51.29	27.61	78.90
14	Mallorytown	4,635.96	2,539.00	10,347.07	.....	10,347.07	627.73	952.13	400.00	1,024.24	3,004.10	69.46	28.42	97.88
15	Mindemoya	1,890.00	1,495.30	4,075.91	719.00	4,724.91	1,919.67	897.18	200.00	1,003.69	4,020.54	7.37	42.06	49.43
16	Morley	2,450.00	3,231.00	5,722.90	1,220.52	6,943.42	1,821.15	1,938.60	300.00	363.38	4,423.13	25.19	44.20	69.39
17	Nipigon	6,450.00	2,060.15	10,879.17	1,833.93	12,713.10	2,366.16	1,236.10	600.00	760.96	4,963.22	43.89	28.11	72.00
18	Nobel	2,861.40	2,868.80	9,082.04	805.86	9,887.90	1,206.94	1,721.28	245.00	333.20	3,506.42	73.58	40.44	114.02
19	North Mountain	7,354.48	4,071.00	16,148.91	4,383.28	20,532.19	2,073.57	1,831.95	700.00	.....	4,605.52	134.07	38.77	172.84
20	Pointe au Baril	1,200.00	1,388.00	3,871.00	596.39	4,467.39	238.78	862.80	100.00	.....	1,201.58	147.73	54.23	201.95
21	Quibell	2,050.00	2,255.78	5,099.48	568.07	5,667.55	1,846.30	1,353.47	218.00	.....	3,417.77	53.19	80.79	133.98
22	Savard	2,412.50	3,074.31	11,230.13	1,002.62	12,232.75	1,871.15	1,832.56	217.09	244.84	4,165.64	154.13	79.58	233.71
23	Sundridge	5,440.00	1,071.34	8,157.38	.....	8,157.38	1,625.29	642.80	528.00	1,017.58	3,813.67	28.85	25.34	54.19
24	Tamworth	2,627.94	2,377.70	6,086.20	.....	6,086.20	1,241.70	1,452.18	300.00	1,127.21	4,121.09	18.48	38.74	57.22
25	Tweed	6,050.00	3,506.05	13,650.95	871.80	14,533.75	2,114.40	1,057.82	600.00	.....	3,772.22	61.94	21.71	83.65
26	Wellington	10,650.50	3,265.00	16,857.66	8,256.76	25,117.42	1,317.10	979.50	1,012.48	552.07	3,861.15	79.49	14.44	93.93
27	West Guilford	2,564.60	1,959.50	5,349.27	.....	5,349.27	1,921.78	1,175.70	300.00	220.00	3,617.48	22.90	47.85	70.75
28	Wilberforce	2,500.00	544.25	3,611.04	.....	3,611.04	1,190.60	331.05	300.00	550.03	2,371.68	25.91	49.58	75.49
	Totals	118,401.60	54,728.38	246,056.92	30,834.16	276,891.08	56,929.76	28,397.73	11,407.94	9,365.28	106,100.71	55.06	34.21	89.27



Courtesy Z. S. Phimister, Public School Inspector, Niagara Falls


LEGEND
18%-22%
23%-27%
28%-32%
Over 32%
LOW ATTENDANCE AREAS
17% of rural schools have an A.D.A. of 10 or less. The shaded areas exceed this 17%.
NORTHERN ONTARIO
PATRICIA
KENORA
RAINY RIVER
THUNDER BAY
COCHRANE
TIMIS-KAMING
SUDBURY
ALGOMA
PRESCOTT
GLEN-GARRY
QUE.
RUSSELL
STOR-MONT
DUNDAS
CARLETON
GREN-VILLE
LANARK
LEEDS
FRONTENAC
LENNOX & ADDINGTON
P.E.I.
RENFREW
HASTINGS
NORTH-UMBERLAND
PETERBORO
HALIBURTON
NIPISSING
DURHAM
VICTORIA
ONTARIO
MUSKOKA
PARRY SOUND
YORK
PEEL
SIMCOE
DUFF-ERIN
HALTON
WENT-WORTH
LINCOLN
WELLAND
HALDIMAND
GREY
WELLINGTON
WATERLOO
BRANT
NORFOLK
BRUCE
HURON
PERTH
OXFORD
ELGIN
MIDDLESEX
LAMBTON
KENT
ESSEX
MANITOULIN
SUDBURY
ALGOMA
UNITED
STATES

Graph 5.

TABLE 17—DISTRIBUTION OF LOW ATTENDANCE SCHOOLS, FOR THE YEAR 1941

(A) AVERAGE ATTENDANCE (1-10) based on School Year, 1940-41

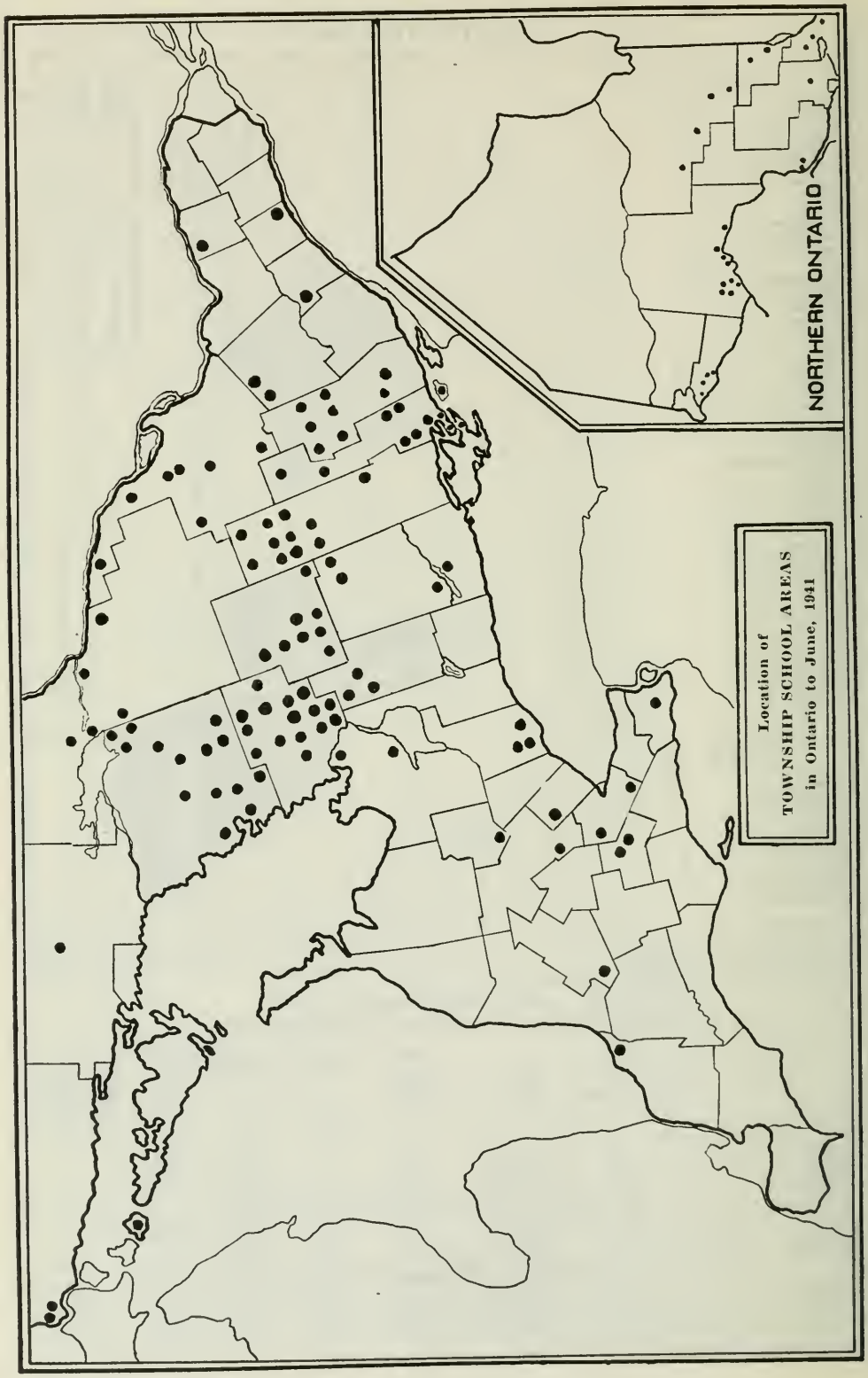
Counties	1	2	3	4	5	6	7	8	9	10	Total
Brant	.....	.....	.....	.....	.....	.....	2	.....	1	1	4
Bruce	.....	.....	.....	1	3	3	4	7	4	14	36
Carleton	.....	.....	.....	.....	.....	4	5	.....	2	4	15
Dufferin	.....	.....	.....	1	.....	2	3	3	9	5	23
Dundas	.....	.....	.....	1	.....	2	1	2	2	.....	8
Durham	.....	.....	.....	.....	.....	.....	5	4	7	5	21
Elgin	.....	.....	.....	.....	.....	.....	1	4	3	3	11
Essex	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1
Frontenac	.....	2	1	4	6	2	7	6	9	4	41
Glengarry	.....	.....	.....	.....	1	.....	5	3	2	3	14
Grenville	.....	.....	.....	.....	3	.....	5	.....	5	4	17
Grey	.....	.....	.....	3	1	5	8	6	6	13	42
Haldimand	.....	.....	.....	.....	1	1	1	.....	1	1	5
Haliburton	.....	.....	2	.....	.....	1	5	2	5	3	18
Halton	.....	.....	.....	.....	.....	.....	3	.....	3	3	9
Hastings	.....	.....	.....	2	3	3	7	5	10	7	37
Huron	.....	.....	.....	.....	.....	3	2	10	9	7	31
Kent	.....	.....	.....	.....	.....	.....	1	1	.....	2	4
Lambton	.....	.....	2	.....	3	4	8	4	3	8	32
Lanark	.....	.....	1	.....	4	6	6	6	9	8	40
Leeds	.....	.....	1	3	1	5	9	10	13	5	47
Lennox and Addington	.....	.....	.....	1	7	5	6	11	8	2	40
Lincoln	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Middlesex	.....	.....	.....	.....	3	3	6	12	8	11	43
Norfolk	.....	.....	.....	.....	1	.....	.....	1	1	.....	3
Northumberland	.....	.....	.....	.....	.....	4	.....	1	4	5	14
Ontario	.....	.....	.....	2	1	.....	.....	5	7	6	21
Oxford	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2
Peel	.....	.....	.....	.....	.....	.....	2	3	7	3	15
Perth	.....	.....	.....	.....	.....	1	1	4	4	4	14
Peterborough	.....	.....	.....	3	2	4	.....	2	2	5	18
Prescott	.....	.....	.....	2	3	1	5	3	2	2	18
Prince Edward	.....	.....	.....	.....	3	3	2	4	3	4	19
Renfrew	.....	.....	.....	1	1	4	2	8	7	8	31
Russell	.....	.....	.....	.....	1	1	.....	.....	2	1	5
Simcoe	.....	.....	1	.....	3	2	4	10	5	8	33
Stormont	.....	.....	.....	.....	.....	2	5	2	.....	4	13
Victoria	.....	.....	.....	2	3	2	3	9	9	5	33
Waterloo	.....	.....	.....	.....	.....	.....	1	.....	2	.....	3
Welland	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Wellington	.....	.....	.....	.....	.....	2	5	3	2	6	18
Wentworth	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1
York	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2
Totals	.....	2	8	26	54	75	131	153	180	175	804
Districts											
Algoma	.....	.....	.....	.....	1	2	1	5	1	3	13
Cochrane	.....	.....	.....	.....	.....	1	3	4	2	2	12
Manitoulin	.....	.....	.....	.....	.....	1	4	2	.....	1	8
Muskoka	.....	.....	.....	2	2	2	1	3	6	6	22
Nipissing	.....	.....	.....	1	.....	2	2	1	2	.....	8
Parry Sound	.....	.....	.....	1	8	2	9	3	10	7	40
Rainy River	.....	.....	.....	.....	.....	.....	.....	3	2	2	7
Sudbury	.....	.....	1	1	3	4	4	3	3	2	21
Thunder Bay	.....	.....	1	1	.....	2	5	1	2	3	15
Timiskaming	.....	.....	.....	.....	.....	1	1	2	4	2	10
Totals	.....	.....	2	6	14	17	30	27	32	28	156
Grand Totals	.....	2	10	32	68	92	161	180	212	203	*960

*65 of these were closed at midsummer, 1941.

(B) COSTS—Based on Calendar Year 1941

(I) Schools with an Average Attendance of 1 to 5

	Number of Schools	Pupil-Days Attended	Average Daily Attendance per School	Cost per Pupil-Day (in cents) (General maintenance only)			Average Cost per Pupil-Day for all Ordinary Rural Public Schools in the Province
				To Locality (Net)	To Gov't.	Total	
Counties	90	40,282	4.48	53.3	17.8	71.1	.....
Districts	22	11,043	5.02	75.9	12.0	98.0	.....
Province	112	51,325	4.58	49.3	27.1	76.4	.....
(II) Schools with an Average Attendance of 6 to 10							
Counties	714	596,188	8.35	47.1	12.6	59.8	.....
Districts	134	109,995	8.21	20.5	42.2	62.8	.....
Province	848	706,183	8.33	44.2	15.9	60.1	.....
(III) Schools with an Average Attendance of 1 to 10							
Counties	804	636,470	7.92	47.5	12.9	60.4	27.1
Districts	156	121,038	7.76	20.6	45.3	66.0	32.0
Province	960	757,508	7.89	44.4	16.6	61.1	31.0


Location of
TOWNSHIP SCHOOL AREAS
in Ontario to June, 1941
NORTHERN ONTARIO

Graph 6.

TABLE 18—TOWNSHIP SCHOOL AREAS BY COUNTIES AND DISTRICTS
(formed to June, 1941)

County	Number of Sections in Areas	Township
Addington	15	
	7	Kaladar, Anglesea, and Effingham
	8	Denbigh, Abinger, and Ashby
Brant	10	
	5	Onondaga
	5	Brantford
Dufferin	10	East Garafraxa
Dundas	6	Williamsburg
Frontenac	56	
	9	Kennebec
	7	Clarendon
	6	Olden
	9	Oso
	5	Barrie
	7	Palmerston
	9	Loughborough
	4	Portland (North)
Grenville	12	Wolford
Haliburton	51	
	12	Dysart
	7	Cardiff
	5	Glamorgan
	5	Stanhope
	8	Minden
	7	Lutterworth
	2	Sherbourne
	5	Snowden
Halton	7	Nassagaweya
Hastings	58	
	6	Faraday
	3	Limerick
	6	Wollaston
	4	McClure and Wicklow
	3	Bangor
	4	Mayo
	7	Elzevir
	5	Carlow
	6	Monteagle and Herschel (1)
	7	Monteagle and Herschel (2)
	7	Dungannon
Lambton	2	Bosanquet
Lanark	11	
	6	Darling
	5	Lavant
Lennox	41	
	5	Amherst Island
	6	Fredericksburgh South
	3	Adolphustown
	5	Richmond
	5	Richmond (Centre)
	7	Fredericksburgh North
	5	Camden East, No. 1
	5	Camden East, No. 2
Northumberland	3	Alnwick
Perth	2	Blanshard
Peterborough	13	
	6	Otonobee
	5	Burleigh N. and Anstruther
	2	Chandos
Prince Edward	7	Marysburgh North
Renfrew	30	
	3	Griffith and Matawatchan
	4	Head, Clara and Maria
	6	Rolph, Buchanan and Wylie
	2	Algona South
	6	Sherwood, Jones and Burns
	5	Alice and Fraser, No. 1
	4	Alice and Fraser, No. 2
Russell	5	Cumberland
Simcoe	7	
	3	Oro
	4	Matchedash
Victoria	13	
	4	Carden
	4	Dalton
	5	Laxton, Digby and Longford
Welland	2	Crowland
Wellington	9	Guelph
Wentworth	11	
	5	Beverly
	6	Binbrook
York	20	
	3	North York
	12	York
	5	East York
Districts		
Algoma	6	
	3	Prince
	3	Tarentorus
Cochrane	9	
	2	Whitney
	2	Eilber
	2	Clute and Calder
	3	Way and Lowther
Manitoulin	5	
	3	Sandfield
	2	Cockburn Island
Muskoka	99	
	5	Morrison
	6	Muskoka
	8	Macaulay
	14	Medora and Wood
	8	Brunel
	4	Oakley
	5	Ryde
	6	Monck
	4	McLean
	8	Draper
	7	Stisted
	9	Chaffey
	5	Stephenson
	5	Cardwell
	5	Franklin
Nipissing	18	
	2	Ferris West
	3	Cameron
	6	Widdifield
	3	Calvin
	4	Chisholm
Parry Sound	70	
	6	Machar
	5	Christie
	7	Carling
	5	Humphrey
	3	Foley
	4	Chapman
	5	Hagerman
	7	Perry
	4	McMurrich
	5	Ryerson
	3	Himsworth North
	5	Himsworth South
	5	McKellar
	6	Nipissing
Rainy River	11	
	4	Atwood
	3	Alberton
	2	Kingsford
	2	Nelles
Sudbury	2	Waters
Thunder Bay	41	
	4	Blake
	3	Conmee
	4	Neebing
	4	O'Connor
	1	Schreiber
	8	McGregor
	5	Oliver
	8	McTavish
	4	Nipigon
Timiskaming	4	
	2	Teck and Lebel
	2	Casey

TABLE 19—RELATION OF TOWNSHIP AREAS AND CONSOLIDATIONS TO RURAL SCHOOL SECTIONS

Gross number of sections includes those with no schools or closed schools and those now in consolidations or township areas. Union sections are counted as one section. Those in union wth an urban centre are omitted except in the case of consolidations. Sections not operating schools includes those with no school and those with closed schools.

County	Gross Number of Sections *	Sections not Operating Schools *	Sections Operating Schools *	Consolidations		Township Areas	
				Number of Units	Number of Sections	Number of Units	Number of Sections
Addington	27	6	21	1	6	2	15
Brant	60	.....	60	.....	.....	2	10
Bruce	168	9	159	.....	.....	.....	.....
Carleton	114	6	108	1	2	.....	.....
Dufferin	93	12	81	.....	.....	1	10
Dundas	74	5	69	1	4	1	6
Durham	97	5	92	.....	.....	.....	.....
Elgin	103	2	101	.....	.....	.....	.....
Essex	102	.....	102	.....	.....	.....	.....
Frontenac	144	14	130	.....	.....	8	56
Glengarry	74	5	69	.....	.....	.....	.....
Grenville	78	16	62	.....	.....	1	12
Grey	218	5	213	.....	.....	.....	.....
Haldimand	74	1	73	.....	.....	.....	.....
Haliburton	63	9	54	3†	9	8	51
Halton	61	.....	61	.....	.....	1	7
Hastings	179	3	176	1	2	11	58
Huron	183	10	173	.....	.....	.....	.....
Kent	131	.....	131	.....	.....	.....	.....
Lambton	169	2	167	.....	.....	1	2
Lanark	122	12	110	.....	.....	2	11
Leeds	147	16	131	1	4	.....	.....
Lennox	82	2	80	.....	.....	8	41
Lincoln	65	.....	65	1	2	.....	.....
Middlesex	183	3	180	.....	.....	.....	.....
Norfolk	100	.....	100	.....	.....	.....	.....
Northumberland	105	2	103	.....	.....	1	3
Ontario	123	3	120	.....	.....	.....	.....
Oxford	106	.....	106	.....	.....	.....	.....
Peel	75	.....	75	.....	.....	.....	.....
Perth	112	2	110	.....	.....	1	2
Peterborough	97	8	89	.....	.....	3	13
Prescott	50	7	43	.....	.....	.....	.....
Prince Edward	76	1	75	1	5	1	7
Renfrew	161	2	159	.....	.....	7	30
Russell	28	2	26	.....	.....	1	5
Simcoe	216	5	211	.....	.....	2	7
Stormont	76	2	74	.....	.....	.....	.....
Victoria	106	7	99	.....	.....	3	13
Waterloo	85	.....	85	.....	.....	.....	.....
Welland	78	1	77	1	2	1	2
Wellington	142	1	141	1	2	1	9
Wentworth	73	1	72	.....	.....	2	11
York	170	2	168	1	1	3	20
Totals	4,790	191	4,599	13	39	72	401
Districts							
Algoma	95	7	88	.....	.....	2	6
Cochrane	90	16	74	.....	.....	4	9
Kenora	39	1	38	1	4	.....	.....
Manitoulin	48	5	43	1	2	2	5
Muskoka	108	27	81	.....	.....	15	99
Nipissing	70	8	62	.....	.....	5	18
Parry Sound	134	12	122	5	10	14	70
Patricia	7	.....	7	.....	.....	.....	.....
Rainy River	67	2	65	3	8	4	11
Sudbury	101	5	96	.....	.....	1	2
Thunder Bay	114	7	107	2†	6	9	41
Timiskaming	84	13	71	3	6	2	4
Totals	957	103	854	15	36	58	265
Totals, Counties and Districts	5,747	294	5,453	28	75	130	666‡

*As at November, 1941.

†In each case, one consolidation of 3 sections is now in a township area.

‡When an area is formed the individual sections are dissolved, hence 666 sections have been dissolved and are now combined into 130 administrative units.

TABLE 20—PROTESTANT SEPARATE SCHOOLS, 1941

	S.S. 1 Grattan (Renfrew)	S.S. 2 Hagarty (Renfrew)	L'Orignal Village (Prescott)	Penetanguishene Town (Simcoe)	Totals
Number of Schools	1	1	1	1	4
RECEIPTS:					
Balances from 1940	$320.19	$17.95	$635.08	$361.97	$1,335.19
Legislative Grants	192.73	454.75	222.94	1,579.61	2,450.03
School District Levy	349.25	427.50	603.03	7,331.00	8,710.78
Temporary Loans	150.00	250.00	.....	.....	400.00
Other Sources	40.37	1.02	1.79	.....	43.18
Totals	$1,052.54	$1,151.22	$1,462.84	$9,272.58	$12,939.18
DISBURSEMENTS:					
Teachers' Salaries	$740.00	$710.00	$620.00	$5,336.82	$7,436.82
Other Current	129.15	99.14	82.03	3,625.96	3,936.28
Total Current	$869.15	$839.14	$702.03	$8,962.78	$11,373.10
Capital Outlays	.....	.....	$45.56	.....	$45.56
Repayment of Temporary Loans	$150.00	$250.00	.....	.....	400.00
Totals	$1,019.15	$1,089.14	$747.59	$8,962.78	$11,818.66
†Balance on hand, December 31, 1941	$34.79	$63.48	$715.95	$317.24	$1,131.46
Cost of Education per Pupil-Day (in cents)	23.5	28.2	71.6	37.8	36.2
*TEACHERS:					
Male	.....	.....	.....	1	1
Female	1	1	1	4	7
Certificates	II	II	II	2(I), 2(II), 1(K.P.)	2(I), 5(II), 1(K.P.)
PUPILS:					
*Total Enrolment	24	20	8	160	212
*Boys	12	9	4	89	114
*Girls	12	11	4	71	98
Average Attendance	19	15	5	122	161

†The inclusion of an amount of superannuation liability in these figures accounts for the fact that the accounts are out of balance.

*School Year, 1940-41.

THE ROMAN CATHOLIC SEPARATE SCHOOLS

TABLE 21—AGE-GRADE DISTRIBUTION, MAY, 1941

(A) ALL SCHOOLS

		Under 5 years	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years and over	Totals	Totals by Grades	Per cent of Total Enrolment
GRADE I	Boys	1	200	2,989	3,332	1,133	333	111	50	14	10	2	2	.....	.....	.....	.....	8,177		
	Girls	4	233	2,901	2,997	882	216	78	30	12	9	1	1	.....	.....	.....	.....	7,364	15,541	15.5
GRADE II	Boys	.....	.....	124	1,764	2,833	1,403	545	193	100	25	10	1	.....	1	.....	.....	6,999		
	Girls	.....	1	118	1,907	2,692	1,061	276	106	46	11	3	.....	3	.....	.....	.....	6,224	13,223	13.2
GRADE III	Boys	.....	.....	2	102	1,508	2,536	1,484	651	291	105	47	9	.....	.....	.....	.....	6,735		
	Girls	.....	.....	3	136	1,772	2,574	1,024	423	127	71	19	5	.....	.....	.....	.....	6,154	12,889	12.8
GRADE IV	Boys	.....	.....	.....	10	219	1,324	2,171	1,339	660	323	132	28	5	.....	.....	.....	6,211		
	Girls	.....	.....	.....	9	284	1,717	2,138	990	406	167	33	12	4	.....	.....	.....	5,760	11,971	11.9
GRADE V	Boys	.....	.....	.....	.....	17	332	1,428	1,889	1,340	752	329	97	16	2	.....	.....	6,202		
	Girls	.....	.....	.....	.....	12	344	1,518	1,902	1,243	624	255	81	16	2	.....	1	5,998	12,200	12.2
GRADE VI	Boys	.....	.....	.....	.....	.....	26	364	1,335	1,560	1,154	583	195	36	4	.....	.....	5,257		
	Girls	.....	.....	.....	.....	.....	31	513	1,562	1,682	999	420	112	16	1	.....	.....	5,336	10,593	10.6
GRADE VII	Boys	.....	.....	.....	.....	.....	4	28	490	1,221	1,350	979	449	72	7	1	.....	4,601		
	Girls	.....	.....	.....	.....	.....	.....	40	665	1,441	1,411	836	310	55	7	.....	.....	4,765	9,366	9.3
GRADE VIII	Boys	.....	.....	.....	.....	.....	.....	4	55	536	1,350	1,325	918	267	54	6	.....	4,515		
	Girls	.....	.....	.....	.....	.....	.....	2	65	734	1,658	1,482	856	228	53	4	2	5,084	9,599	9.6
GRADE IX	Boys	.....	.....	.....	.....	.....	.....	.....	2	12	157	346	272	136	28	6	.....	959		
	Girls	.....	.....	.....	.....	.....	.....	.....	2	37	283	559	387	188	47	10	1	1,514	2,473	2.5
GRADE X	Boys	.....	.....	.....	.....	.....	.....	.....	.....	1	10	140	261	167	65	19	4	667		
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	1	39	246	417	245	99	22	10	1,079	1,746	1.7
JR. AUXILIARY CLASSES	Boys	.....	.....	.....	5	7	24	50	62	93	77	101	63	21	1	.....	.....	504		
	Girls	.....	.....	.....	1	7	9	22	36	32	32	36	22	15	.....	.....	.....	212	716	.7
TOTALS BY SEXES	Boys	1	200	3,115	5,213	5,717	5,982	6,185	6,066	5,828	5,313	3,994	2,295	720	162	32	4	50,827		
	Girls	4	234	3,022	5,051	5,653	6,073	5,865	5,830	5,610	5,145	3,813	2,175	758	207	36	14	49,490		
GRAND TOTALS	.....	5	434	6,137	10,264	11,370	12,055	12,050	11,896	11,438	10,458	7,807	4,470	1,478	369	68	18	100,317		

Heavy lines denote ideal age spread for each grade.

(B) URBAN SCHOOLS

		Under 5 years	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years and over	Totals	Totals by Grades
GRADE I	Boys	1	157	2,305	2,467	705	205	62	27	7	4	2	2	.....	.....	.....	.....	5,944	
	Girls	.....	148	2,249	2,242	547	128	35	13	6	6	1	1	.....	.....	.....	.....	5,376	11,320
GRADE II	Boys	.....	.....	104	1,401	2,158	1,003	375	119	62	15	6	1	.....	1	.....	.....	5,245	
	Girls	.....	.....	93	1,492	2,020	751	189	74	30	7	.....	.....	2	.....	.....	.....	4,658	9,903
GRADE III	Boys	.....	.....	1	82	1,193	1,932	1,084	461	194	74	30	7	.....	.....	.....	.....	5,058	
	Girls	.....	.....	2	100	1,403	1,998	729	277	83	38	9	4	.....	.....	.....	.....	4,649	9,707
GRADE IV	Boys	.....	.....	.....	10	171	1,049	1,641	970	431	217	98	23	3	.....	.....	.....	4,613	
	Girls	.....	.....	.....	6	225	1,326	1,629	750	303	115	22	8	3	.....	.....	.....	4,387	9,000
GRADE V	Boys	.....	.....	.....	.....	10	278	1,143	1,460	1,005	525	236	72	14	1	.....	.....	4,744	
	Girls	.....	.....	.....	.....	11	339	1,392	1,522	814	346	136	39	2	.....	.....	1	4,602	9,346
GRADE VI	Boys	.....	.....	.....	.....	.....	21	289	1,053	1,198	835	440	147	29	4	.....	.....	4,016	
	Girls	.....	.....	.....	.....	.....	27	388	1,177	1,290	759	334	90	13	1	.....	.....	4,079	8,095
GRADE VII	Boys	.....	.....	.....	.....	.....	3	22	404	982	1,061	777	373	60	6	1	.....	3,689	
	Girls	.....	.....	.....	.....	.....	.....	28	538	1,122	1,111	663	255	42	6	.....	.....	3,765	7,454
GRADE VIII	Boys	.....	.....	.....	.....	.....	.....	4	43	447	1,079	1,037	720	215	43	4	.....	3,592	
	Girls	.....	.....	.....	.....	.....	.....	1	51	577	1,336	1,165	689	176	46	4	1	4,046	7,638
GRADE IX	Boys	.....	.....	.....	.....	.....	.....	.....	2	11	135	283	233	112	14	6	.....	796	
	Girls	.....	.....	.....	.....	.....	.....	.....	1	28	240	470	314	153	37	7	1	1,251	2,047
GRADE X	Boys	.....	.....	.....	.....	.....	.....	.....	.....	1	6	122	211	142	58	18	4	562	
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	1	29	189	321	188	71	18	8	825	1,387
JR. AUXILIARY CLASSES	Boys	.....	.....	.....	5	7	24	50	62	93	77	101	63	21	1	.....	.....	504	
	Girls	.....	.....	.....	1	7	9	22	36	32	32	36	22	15	.....	.....	.....	212	716
TOTALS BY SEXES	Boys	1	157	2,410	3,965	4,244	4,515	4,670	4,601	4,431	4,028	3,132	1,852	596	128	29	4	38,763	
	Girls	.....	148	2,344	3,847	4,213	4,578	4,413	4,439	4,286	4,019	3,025	1,743	594	161	29	11	37,850	
GRAND TOTALS		1	305	4,754	7,812	8,457	9,093	9,083	9,040	8,717	8,047	6,157	3,595	1,190	289	58	15	76,613	

(C) RURAL SCHOOLS

		Under 5 years	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years and over	Totals	Totals by Grades
GRADE I	Boys	.....	43	684	865	428	128	49	23	7	6	.....	.....	.....	.....	.....	.....	2,233	
	Girls	4	85	652	755	335	88	43	17	6	3	.....	.....	.....	.....	.....	.....	1,988	4,221
GRADE II	Boys	.....	.....	20	363	675	400	170	74	38	10	4	.....	.....	.....	.....	.....	1,754	
	Girls	.....	1	25	415	672	310	87	32	16	4	3	.....	1	.....	.....	.....	1,566	3,320
GRADE III	Boys	.....	.....	1	20	315	604	400	190	97	31	17	2	.....	.....	.....	.....	1,677	
	Girls	.....	.....	1	30	369	576	295	146	44	33	10	1	.....	.....	.....	.....	1,505	3,182
GRADE IV	Boys	.....	.....	.....	.....	48	275	530	369	229	106	34	5	2	.....	.....	.....	1,598	
	Girls	.....	.....	.....	3	59	391	509	240	103	52	11	4	1	.....	.....	.....	1,373	2,971
GRADE V	Boys	.....	.....	.....	.....	7	54	285	429	335	227	93	25	2	1	.....	.....	1,458	
	Girls	.....	.....	.....	1	5	126	380	429	278	119	42	14	2	.....	.....	.....	1,396	2,854
GRADE VI	Boys	.....	.....	.....	.....	.....	5	75	282	362	319	143	48	7	.....	.....	.....	1,241	
	Girls	.....	.....	.....	.....	.....	4	125	385	392	240	86	22	3	.....	.....	.....	1,257	2,498
GRADE VII	Boys	.....	.....	.....	.....	.....	1	6	86	239	289	202	76	12	1	.....	.....	912	
	Girls	.....	.....	.....	.....	.....	.....	12	127	319	300	173	55	13	1	.....	.....	1,000	1,912
GRADE VIII	Boys	.....	.....	.....	.....	.....	.....	.....	12	89	271	288	198	52	11	2	.....	923	
	Girls	.....	.....	.....	.....	.....	.....	1	14	157	322	317	167	52	7	.....	1	1,038	1,961
GRADE IX	Boys	.....	.....	.....	.....	.....	.....	.....	.....	1	22	63	39	24	14	.....	.....	163	
	Girls	.....	.....	.....	.....	.....	.....	.....	1	9	43	89	73	35	10	3	.....	263	426
GRADE X	Boys	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	18	50	25	7	1	.....	105	
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	57	96	57	28	4	2	254	359
JR. AUXILIARY CLASSES	Boys	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Girls	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TOTALS BY SEXES	Boys	.....	43	705	1,248	1,473	1,467	1,515	1,465	1,397	1,285	862	443	124	34	3	.....	12,064	
	Girls	4	86	678	1,204	1,440	1,495	1,452	1,391	1,324	1,126	788	432	164	46	7	3	11,640	
GRAND TOTALS		4	129	1,383	2,452	2,913	2,962	2,967	2,856	2,721	2,411	1,650	875	288	80	10	3	23,704	

TABLE 22—FINANCIAL STATISTICS, 1940
(as reported by Trustee Boards)

	Cities	Towns	Villages	Rural Schools in the Counties	Rural Schools in the Districts	All Rural Schools	Totals for all R.C. Separate Schools
Receipts:							
Beginning Balances	$73,682	$95,325	$18,449	$160,883	$64,657	$225,540	$412,996
Provincial Grants	295,038	261,332	31,745	224,467	266,718	491,185	1,079,300
County Grants	.....	2,966	1,848	22,781	.....	22,781	27,595
Local Tax Levy	1,877,913	620,539	50,921	356,946	155,972	512,918	3,062,291
Temporary Loans	102,302	114,663	17,425	76,590	115,087	191,677	426,067
Sale of Debentures	56,400	9,091	.....	15,759	13,351	29,110	94,601
Other Sources	79,277	141,833	16,028	74,295	15,407	89,702	326,840
Difference between Gov't. and Board Superannuation Deductions	.....	602	143	546	310	856	1,601
Totals	$2,484,612	$1,246,351	$136,559	$932,267	$631,502	$1,563,769	$5,431,291
Disbursements:							
Instruction	$1,189,691	$554,403	$56,590	$433,313	$271,399	$704,712	$2,505,396
Instructional Supplies	46,373	16,638	2,288	20,978	7,890	28,868	94,167
Administration	117,093	22,010	1,908	14,775	19,417	34,192	175,203
Plant Operation	345,660	160,021	11,753	62,907	38,994	101,901	619,335
Plant Maintenance	86,918	44,592	4,515	34,445	20,749	55,194	191,219
Auxiliary Agencies	37,696	10,852	4,124	10,152	4,498	14,650	67,322
Current Operations	$1,823,431	$808,516	$81,178	$576,570	$362,947	$939,517	$3,652,642
Capital Charges	374,420	162,585	10,473	72,592	42,773	115,365	662,843
Total—Current and Capital	$2,197,851	$971,101	$91,651	$649,162	$405,720	$1,054,882	$4,315,485
Capital Outlays	$64,717	$63,552	$1,634	$19,764	$34,641	$54,405	$184,308
Repayment of Temporary Loans	107,216	113,860	20,062	80,790	108,439	189,229	430,367
Extraneous Payments	1,471	.....	.....	.....	.....	.....	1,471
Difference between Board and Gov't. Superannuation Deductions	184	.....	.....	.....	.....	.....	184
Balance on Hand	113,173	97,838	23,212	182,551	82,702	265,253	499,476
Totals	$2,484,612	$1,246,351	$136,559	$932,267	$631,502	$1,563,769	$5,431,291
Debt: Debenture Debt	$7,284,644	$1,608,971	$94,230	$677,166	$298,578	$975,744	$9,963,589
Other Forms—Current and Capital	641,222	203,264	23,289	61,265	97,674	158,939	1,026,714
Number of Classrooms	1,435	677	67	546	303	849	3,028
Average Daily Attendance per Classroom	34	31	29	26	27	26	31
Cost per Pupil Day (in cents):							
(a) Current Operations	19.5	19.8	21.3	20.5	23.3	21.5	20.1
(b) Capital Charges	4.0	4.0	2.7	2.6	2.7	2.6	3.6
(c) Total—Current and Capital	23.5	23.8	24.0	23.1	26.0	24.1	23.7

TABLE 23—CLASSIFICATION OF ACADEMIC PUPILS BY SUBJECTS OF STUDY, 1940-41.

SUBJECTS	GRADES					Total
	IX	X	XI	XII	XIII	
Languages—						
English	23,562	18,629	14,396	10,979	5,519	73,085
French	23,261	17,164	12,968	10,227	5,923	69,543
Special French for French-speaking pupils	294	271	154	122	43	884
German	.....	768	1,133	882	484	3,267
Spanish	4	4	41	31	3	83
Italian	.....	5	6	7	.....	18
Latin	209	16,282	11,720	10,205	2,312	40,728
Greek	.....	15	54	42	35	146
Social Studies—						
Geography	23,400	17,051	46	7	.....	40,504
British History	21,333	644	.....	.....	.....	21,977
Canadian History and Citizenship	2,273	18,074	138	353	20	20,858
Ancient and Mediaeval History	.....	1	14,022	9,552	34	23,609
Modern World History	.....	.....	.....	22	3,798	3,820
Mathematics—						
General Mathematics	23,660	18,233	880	533	648	43,954
Algebra	18	12	12,286	2,031	4,283	18,630
Geometry	7	46	2,100	11,364	4,881	18,398
Trigonometry	.....	.....	.....	106	4,537	4,643
Science—						
General Science	15,482	11,920	194	112	8	27,716
Agricultural Science	7,853	5,523	2,858	2,681	531	19,446
Physics	.....	2	8,423	3,069	3,001	14,495
Chemistry	.....	.....	3,411	6,291	3,231	12,933
Botany	.....	.....	.....	26	2,543	2,569
Zoology	.....	.....	.....	29	2,272	2,301
Biology	.....	.....	.....	.....	97	97
General—						
Shop Work	6,059	1,167	250	76	17	7,569
Home Economics	6,606	1,466	357	120	22	8,571
Art	20,664	1,600	369	179	23	22,835
Music	18,965	4,620	865	333	108	24,891
Health and Physical Education	23,257	17,698	13,346	10,505	6,848	71,654
Commercial—						
Business Practice	22,642	1,106	309	186	.....	24,243
Penmanship	9,801	1,079	385	249	46	11,560
Bookkeeping	208	1,306	737	276	96	2,623
Commercial Arithmetic	116	680	501	249	41	1,587
Business Correspondence	.....	127	546	256	48	977
Stenography	2	543	607	293	80	1,525
Typewriting and Office Practice	326	1,383	940	453	101	3,203
Business Law	.....	7	459	271	36	773
Accountancy	.....	.....	24	74	.....	98
Economics	.....	7	363	142	32	544

TABLE 24—CLASSIFICATION OF VOCATIONAL PUPILS BY SUBJECTS OF STUDY, 1940-41

SUBJECTS	GRADES						Total
	Preparatory and IX	X	XI	XII	XIII	Special Pupils	
Languages—							
English	12,368	9,300	5,155	2,200	335	322	29,680
French	3,611	2,445	1,454	754	271	31	8,566
Special French for French-speaking pupils	.....	10	4	.....	.....	.....	14
Social Studies—							
Social Studies	11,257	7,658	1,848	779	127	165	21,834
Regional Geography	4,813	1,593	10	.....	.....	.....	6,416
Economic Geography	112	3,367	138	207	.....	.....	3,824
History of Commerce and Industry	578	289	2,323	624	44	88	3,946
Modern World History	25	27	280	171	18	.....	521
Canadian History	.....	527	.....	.....	.....	.....	527
Ancient and Mediaeval History	.....	.....	10	60	.....	.....	70
Mathematics—							
General Mathematics	9,669	3,910	1,460	538	123	33	15,733
Vocational Mathematics	1,765	2,768	1,429	516	.....	10	6,488
Algebra (Matriculation)	453	630	750	213	174	6	2,226
Geometry (Matriculation)	196	265	237	309	185	5	1,197
Trigonometry (Matriculation)	.....	.....	224	165	177	7	573
Science—							
General Science	11,786	4,189	982	275	27	47	17,306
Physics	.....	1,420	1,455	315	182	2	3,374
Chemistry	441	1,297	1,130	889	224	10	3,991
General—							
Art (General Course)	4,885	1,051	277	98	11	20	6,342
Music	9,540	2,768	309	83	5	.....	12,705
Health and Physical Education	12,233	8,983	5,088	2,174	405	366	29,249
Agriculture—							
Agricultural Science	236	158	70	24	.....	.....	488
Farm Economics	.....	.....	7	.....	.....	.....	7
Farm Mechanics	75	58	26	2	.....	.....	161
Agricultural Chemistry	.....	.....	7	.....	.....	.....	7
Soil Physics	.....	8	7	.....	.....	.....	15
Economic Biology	.....	8	7	.....	.....	.....	15
Veterinary Science	.....	.....	7	.....	.....	.....	7
Live Stock	.....	8	7	.....	.....	.....	15
Poultry	.....	8	7	.....	.....	.....	15
Field Crops	.....	8	7	.....	.....	.....	15
Horticulture	18	8	7	.....	.....	.....	33
Art—							
Vocational Art	2,228	1,734	430	157	20	88	4,657
Commercial—							
(a) Basic Theory:							
Economics	.....	1	1,865	862	194	515	3,437
Money and Banking	.....	.....	.....	32	.....	.....	32
Business Organization	.....	.....	14	.....	41	.....	55
Commercial Law	.....	13	1,262	864	75	369	2,583
(b) General Practice:							
Business Practice	10,757	203	30	43	33	61	11,127
Secretarial Practice	.....	.....	.....	157	.....	.....	157
Office Practice	.....	121	2,260	953	172	609	4,115
Salesmanship	170	28	75	104	.....	18	395
Advertising	.....	.....	14	12	.....	.....	26

TABLE 24—CLASSIFICATION OF VOCATIONAL PUPILS BY SUBJECTS OF STUDY, 1940-41

SUBJECTS	GRADES						Total
	Preparatory and IX	X	XI	XII	XIII	Special Pupils	
Commercial—*Continued*							
(c) Correspondence:							
Penmanship	5,619	4,106	2,118	778	142	682	13,445
Spelling	162	115	.....	.....	16	.....	293
Stenography	197	3,966	2,824	1,246	198	721	9,152
Typing	3,929	4,665	2,898	1,294	256	750	13,792
Correspondence and Filing	490	1,186	2,223	1,163	220	655	5,937
(d) Accounting:							
Commercial Arithmetic	2,399	3,918	2,133	789	213	515	9,967
Business Machines	.....	.....	315	256	63	89	723
Bookkeeping	.....	4,502	2,542	815	172	586	8,617
Accounting	.....	.....	223	482	166	64	935
Home Economics—							
Home Economics	2,916	2,429	1,200	512	109	52	7,218
Industrial—							
(a) Industrial Drafting:							
Drafting	4,980	3,509	1,650	551	114	73	10,877
Mechanical Drawing	940	810	745	254	38	.....	2,787
(b) Crafts:							
Pattern Making	867	711	176	121	.....	2	1,877
Cabinet Making	30	311	24	6	.....	9	380
Instrument Making	.....	.....	176	38	.....	3	217
Printing	2,635	507	103	42	7	4	3,298
(c) Science:							
Aeronautics	.....	.....	65	49	23	.....	137
Geology	62	12	12	.....	.....	.....	86
Mineralogy	18	12	12	.....	.....	.....	42
Assaying	.....	56	.....	.....	.....	.....	56
(d) Engineering:							
Architecture and Building Construction	597	87	165	60	.....	3	912
Stationary Engineering	.....	42	18	.....	.....	.....	60
Applied Electricity and Electrical Construction	2,473	1,589	320	181	14	10	4,587
Radio	.....	.....	217	93	.....	.....	310
Surveying	.....	12	25	.....	.....	.....	37
Mining	.....	.....	4	.....	.....	.....	4
Milling	.....	.....	48	.....	.....	.....	48
(e) Trades and Industry:							
General Woodworking	4,612	1,684	342	93	59	10	6,800
Carpentry	1,136	248	60	59	.....	10	1,513
Brick Work	503	18	4	.....	.....	.....	525
Plumbing	.....	18	4	9	.....	1	32
Sheet Metal Work	3,156	1,173	315	141	12	2	4,799
Aero Sheet Metal Work	.....	26	9	.....	.....	.....	35
Foundry Work	.....	531	158	32	.....	3	724
Welding	72	204	72	115	.....	.....	463
Forging and Heat Treatment	.....	84	143	94	.....	.....	321
Machine Shop Practice	4,879	2,817	1,130	445	107	41	9,419
Ignition	.....	.....	217	93	.....	.....	310
Motor Mechanics	3,982	1,314	386	118	62	40	5,902
Aero Engines	.....	112	202	67	.....	.....	381
Aero Rigging	.....	.....	202	67	.....	.....	269

TABLE 25—ANNUAL DEPARTMENTAL EXAMINATION RESULTS, 1941
(a) June Middle School

Subjects	Number of Candidates	Number Recommended Regularly	Number Recommended under Cir. 27	Standing Granted by Board	Aegrotat	Total Successful	Per cent. Recommended	Per cent. Successful
English Composition	12,693	9,290	2,221	60	1	11,572	90.69	91.17
English Literature	12,883	9,396	2,254	62	2	11,714	90.43	90.93
Canadian History	1,507	1,151	231	5	.....	1,387	91.71	92.04
Ancient History	1,116	882	145	3	.....	1,030	92.03	92.29
Ancient and Mediaeval History	27,201	20,158	3,963	56	2	24,179	88.68	88.89
Algebra	17,080	11,385	1,939	41	1	13,366	78.01	78.26
Geometry	13,375	8,732	2,400	157	1	11,290	83.23	84.41
Physics	13,421	9,770	1,526	41	.....	11,337	84.17	84.47
Chemistry	11,655	8,205	1,643	64	.....	9,912	84.50	85.05
Latin Authors	11,666	7,617	2,005	75	3	9,700	82.48	83.15
Latin Composition	11,666	7,636	2,002	78	3	9,719	82.62	83.31
French Authors	12,102	8,031	2,093	67	1	10,192	83.66	84.22
French Composition	12,133	8,038	2,105	74	2	10,219	83.60	84.22
German Authors	1,082	827	163	7	.....	997	91.50	92.14
German Composition	1,065	813	158	6	.....	977	91.17	91.74
French Literature	325	274	4	1	.....	279	85.54	85.85
Special French Composition	321	225	4	1	.....	230	71.34	71.65
Agriculture I	2,704	1,812	575	.....	1	2,388	88.28	88.31
Agriculture II	2,094	1,282	560	8	1	1,851	87.97	88.40
Greek Authors	60	50	9	.....	.....	59	98.33	98.33
Greek Accidence	63	52	9	.....	.....	61	96.83	96.83
Spanish Authors	97	70	5	.....	.....	75	77.32	77.32
Spanish Composition	91	71	6	.....	.....	77	84.62	84.62
Italian Authors	1	1	.....	.....	.....	1	100.00	100.00
Italian Composition	1	1	.....	.....	.....	1	100.00	100.00
Music	72	55	13	.....	.....	68	94.44	94.44
Technical Arithmetic	233	113	104	.....	.....	217	93.13	93.13
Household Science I	41	39	2	.....	.....	41	100.00	100.00
Household Science II	71	62	4	.....	.....	66	92.96	92.96
Special Arithmetic	7	7	.....	.....	.....	7	100.00	100.00
Special Zoology	11	11	.....	.....	.....	11	100.00	100.00
Commercial Physics	5	5	.....	.....	.....	5	100.00	100.00
Commercial Chemistry	9	9	.....	.....	.....	9	100.00	100.00
Commercial Geography	21	20	1	.....	.....	21	100.00	100.00
Business Arithmetic	16	13	3	.....	.....	16	100.00	100.00
Totals	166,888	116,103	26,147	806	18	143,074	85.24	85.73

Total Number of Candidates..... 34,599 Total Number of Centres..... 536

(b) June Upper School

Subjects	Number of Candidates	Candidates Recommended under War Time Reg. Cir. 27		Caudidates Writing				Aegrotat	Appeals			Total Number Successful	Per cent.	
		Total Number	Per cent. Recommended	Total Number	Number Passing	Per cent. Passing	Number Granted M. S. Standiug		Total Number	Number Sust'd.	Number Granted M. S. Standing		1941	1940
English Composition	5,861	1,595	27.21	4,210	2,816	66.42	21	26	123	48	3	4,485	76.52	71.38
English Literature	6,444	1,939	30.09	4,471	2,840	63.52	15	34	165	43	7	4,856	75.36	66.74
Modern History	4,459	1,376	30.86	3,047	2,150	70.56	.....	36	76	22	.....	3,584	80.38	73.77
Algebra	4,778	1,718	35.96	3,027	2,317	76.54	1	33	34	12	2	4,080	85.39	70.69
Geometry	5,624	2,076	36.91	3,513	2,655	75.58	6	35	56	18	5	4,784	85.06	77.67
Trigonometry	6,811	2,290	33.47	4,509	3,219	71.39	.....	42	59	18	.....	5,569	81.41	75.27
Botany	2,904	1,030	35.47	1,849	1,362	73.66	.....	25	39	11	.....	2,428	83.61	80.22
Zoology	2,991	1,045	34.94	1,914	1,507	78.74	.....	32	40	15	.....	2,599	86.89	78.80
Physics	3,471	1,370	39.47	2,084	1,216	58.35	.....	17	60	17	.....	2,620	75.48	85.29
Chemistry	4,306	1,613	37.46	2,665	1,787	67.05	2	28	52	20	.....	3,448	80.07	72.11
Latin Authors	2,754	734	26.65	1,990	1,606	80.70	5	30	19	9	.....	2,379	86.38	84.26
Latin Composition	2,717	711	26.17	1,977	1,553	78.55	5	29	38	11	1	2,304	84.80	86.83
French Authors	7,196	2,383	33.12	4,765	3,804	79.83	18	48	101	38	4	6,273	87.17	78.44
French Composition	6,890	2,141	31.07	4,703	3,964	84.29	9	46	65	17	2	6,168	89.52	86.10
German Authors	555	135	24.32	420	392	93.33	1	.....	4	2	.....	529	95.32	93.80
German Composition	585	149	25.47	436	391	89.68	1	.....	9	4	.....	544	92.99	79.70
French Literature	102	9	8.82	93	63	67.74	.....	.....	3	1	.....	73	71.57	66.23
Special French Composition	124	7	5.65	117	82	70.09	.....	.....	3	....	.....	89	71.77	63.89
Greek Authors	46	5	10.87	41	40	97.56	.....	.....	.....	.....	.....	45	97.83	92.86
Greek Composition	46	5	10.87	41	41	100.00	.....	.....	.....	.....	.....	46	100.00	97.67
Spanish Authors	62	2	3.23	60	40	66.67	.....	.....	1	.....	.....	42	67.74	75.93
Spanish Composition	54	2	3.70	52	37	71.15	.....	.....	1	.....	.....	39	72.22	70.00
Italian Authors	4	.....	.....	4	4	100.00	.....	.....	.....	.....	.....	4	100.00	66.67
Italian Composition	5	.....	.....	5	4	80.00	.....	.....	.....	.....	.....	4	80.00	71.43
History of Commerce	9	2	22.22	7	5	71.43	.....	.....	.....	.....	.....	7	77.78	80.00
Totals	68,828	22,337	32.45	46,030	33,895	73.64	87	461	948	306	24	56,999	82.81	75.99

Total Number of Candidates..... 12,877 Total Number of Centres..... 397

(c) August Upper School

Subjects	No. of Candidates Writing	No. Passing	Percentage Passing	Aegrotat	No. granted M.S. Std'g.	Appeals		Total No. Successful	Per cent.	
						Total No.	No. Sustained		1941	1940
English Composition	107	74	69.16	.....	.....	8	4	78	72.90	51.03
English Literature	98	76	77.55	.....	.....	9	3	79	80.61	72.02
Modern History	50	18	36.00	.....	.....	1	.....	18	36.00	63.84
Algebra	16	11	68.75	.....	.....	1	....	11	68.75	59.69
Geometry	21	10	47.62	.....	.....	2	1	11	52.38	40.98
Trigonometry	37	28	75.68	.....	.....	1	.....	28	75.68	43.48
Botany	40	34	85.00	.....	.....	.....	.....	34	85.00	63.38
Zoology	44	31	70.45	.....	.....	5	2	33	75.00	73.60
Physics	5	5	100.00	.....	.....	.....	.....	5	100.00	76.19
Chemistry	2	2	100.00	.....	.....	.....	.....	2	100.00	82.35
Latin Authors	9	8	88.89	.....	.....	.....	.....	8	88.89	93.33
Latin Composition	3	2	66.67	.....	.....	.....	.....	2	66.67	76.19
French Authors	8	4	50.00	.....	.....	.....	.....	4	50.00	67.44
French Composition	11	6	54.55	.....	.....	1	.....	6	54.55	66.66
French Literature	27	23	85.19	.....	.....	.....	.....	23	85.19	74.07
Special French Composition	16	13	81.25	.....	.....	.....	.....	13	81.25	65.22
Totals	494	345	69.84	.....	.....	28	10	355	71.86	61.10

Total number of Candidates.....336 Total number of Centres.....9

TABLE 26—VISUAL AND OTHER AIDS IN SECONDARY EDUCATION
As reported in June, 1942

	Continuation Schools	High Schools and Collegiate Institutes	(a) Vocational Schools	Totals
Number of schools reporting	200	231	18	449
Number of schools having:—				
1. Gymnasium	18	154	19	191
2. Auditorium	26	132	18	176
Number of schools using as aid in instruction:				
1. Lantern slides	53	177	19	249
2. Silent films	6	62	16	84
3. Sound films	6	37	14	57
4. Radio	28	67	13	108
5. Public Address System	8	29	8	45

(a) Pure Vocational only; Composite schools are included with High and Collegiate.

TABLE 27—TEACHERS' SALARIES—FREQUENCY

Range	Continuation Schools						High Schools					
	P.	M.A.	F.A.	Total	Group Total	Group Percentage	P.	M.A.	F.A.	Total	Group Total	Group Percentage
$4,951 – $5,050	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
$4,851 – $4,950	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
$4,751 – $4,850	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
$4,651 – $4,750	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
$4,551 – $4,650	.....	.....	.....	.....			.....	.....	.....	.....		
$4,451 – $4,550	.....	.....	.....	.....			1	.....	.....	1	1	(.09)
$4,351 – $4,450	.....	.....	.....	.....			.....	.....	.....	.....		
$4,251 – $4,350	.....	.....	.....	.....			.....	.....	.....	.....		
$4,151 – $4,250	.....	.....	.....	.....			.....	.....	.....	.....		
$4,051 – $4,150	.....	.....	.....	.....			.....	.....	.....	.....		
$3,951 – $4,050	.....	.....	.....	.....			3	.....	.....	3		
$3,851 – $3,950	.....	.....	.....	.....			1	.....	.....	1		
$3,751 – $3,850	.....	.....	.....	.....			2	.....	.....	2	11	1.0
$3,651 – $3,750	.....	.....	.....	.....			2	1	.....	3		
$3,551 – $3,650	.....	.....	.....	.....			2	.....	.....	2		
$3,451 – $3,550	.....	.....	.....	.....			.....	.....	.....	.....		
$3,351 – $3,450	.....	.....	.....	.....			.....	.....	.....	.....		
$3,251 – $3,350	.....	.....	.....	.....			2	.....	.....	2	16	1.5
$3,151 – $3,250	.....	.....	.....	.....			7	.....	.....	7		
$3,051 – $3,150	.....	.....	.....	.....			7	.....	.....	7		
$2,951 – $3,050	.....	.....	.....	.....			11	.....	.....	11		
$2,851 – $2,950	1	.....	.....	1			6	1	.....	7		
$2,751 – $2,850	.....	1	.....	1	6	1.2	7	2	.....	9	61	5.6
$2,651 – $2,750	2	.....	.....	2			12	3	4	19		
$2,551 – $2,650	.....	1	1	2			6	6	3	15		
$2,451 – $2,550	2	1	1	4			15	6	7	28		
$2,351 – $2,450	1	.....	1	2			14	7	12	33		
$2,251 – $2,350	1	2	.....	3	19	3.8	14	14	11	39	181	16.6
$2,151 – $2,250	2	.....	.....	2			11	13	9	33		
$2,051 – $2,150	6	1	1	8			8	23	17	48		
$1,951 – $2,050	7	1	.....	8			12	30	34	76		
$1,851 – $1,950	6	.....	1	7			4	21	46	71		
$1,751 – $1,850	17	1	2	20	97	19.6	6	38	52	96	472	43.3
$1,651 – $1,750	20	6	2	28			3	45	63	111		
$1,551 – $1,650	32	1	1	34			1	47	70	118		
$1,451 – $1,550	24	7	2	33			1	56	102	159		
$1,351 – $1,450	25	6	16	47			.....	25	81	106		
$1,251 – $1,350	23	15	22	60	293	59.2	.....	10	37	47	349	32.0
$1,151 – $1,250	18	20	37	75			.....	6	23	29		
$1,051 – $1,150	6	9	63	78			.....	2	6	8		
$951 – $1,050	5	14	46	65			.....	.....	.....	.....		
$851 – $950	1	4	6	11	80	16.2	.....	.....	.....	.....		
$751 – $850	.....	.....	4	4			.....	.....	.....	.....		
Total Teachers	199	90	206	495			158	356	577	1,091		
	$	$	$	$			$	$	$	$		
Median Salary	1,550	1,250	1,150	1,300			2,500	1,700	1,600	1,700		
Average Salary	1,569	1,249	1,154	1,335			2,588	1,802	1,683	1,854		
Increase in Average over Year 1939-40	50	76	58	55			23	60	44	47		

—decrease P.—Principal. M.A.—Male Assistant. F.A.—Female Assistant.

DISTRIBUTION—FULL-TIME TEACHERS, 1941-42

Collegiate Institutes						Vocational Schools*						All Schools			
P.	M.A.	F.A.	Total	Group Total	Group Percentage	P.	M.A.	F.A.	Total	Group Total	Group Percentage	Total Teachers	Group Total	Group Percentage	Group Percentage 1939–40
2	.....	.....	2			.....	.....	.....	.....			2			
.....	.....	.....	.....			.....	.....	.....	.....			.....			
.....	.....	.....	.....			.....	.....	.....	.....			.....			
1	.....	.....	1			1	.....	.....	1			2			
2	.....	.....	2			3	.....	.....	3			5			
2	.....	.....	2	26	1.6	2	.....	.....	2	12	1.1	5	39	1.0	.7
5	.....	.....	5			1	.....	.....	1			6			
4	.....	.....	4			1	.....	.....	1			5			
5	.....	.....	5			4	.....	.....	4			9			
5	.....	.....	5			.....	.....	.....	.....			5			
5	.....	.....	5			.....	.....	.....				8			
6	.....	.....	6			3	1	.....	4			11			
7	.....	.....	7	99	6.0	1	.....	.....	1	53	4.9	10	163	3.8	3.5
3	9	.....	12			.....	5	.....	5			20			
3	48	18	69			1	35	7	43			114			
5	71	47	123			1	77	25	103			226			
1	36	13	50			.....	52	13	65			115			
2	22	5	29	284	17.3	.....	25	4	29	277	25.6	60	577	13.4	12.6
2	50	6	58			.....	29	6	35			100			
2	19	3	24			.....	40	5	45			76			
1	34	18	53			.....	31	8	39			103			
1	30	15	46			.....	64	27	91			145			
5	33	39	77	294	17.9	.....	30	23	53	282	26.1	140	643	14.9	14.5
1	29	21	51			.....	26	15	41			113			
2	42	23	67			.....	37	21	58			142			
.....	38	19	57			.....	28	10	38			127			
.....	39	35	74			.....	36	23	59			168			
.....	53	45	98	415	25.3	.....	40	24	64	274	25.3	204	889	20.6	20.2
.....	55	55	110			.....	33	22	55			200			
.....	47	29	76				39	19	58			190			
.....	53	50	103			.....	35	29	64			251			
.....	48	60	108			.....	28	20	48			234			
.....	69	61	130	480	29.2	.....	19	13	32	181	16.7	278	1,230	28.5	28.8
.....	25	50	75			.....	15	12	27			241			
.....	30	34	64			.....	3	7	10			226			
.....	4	22	26			.....	.....	1	1			219			
.....	6	7	13			.....	1	.....	1			167			
.....	1	1	2	43	2.7	.....	.....	.....	.....	2	.3	109	687	15.9	16.2
.....	.....	2	2			.....	.....	.....	.....			106			
.....	.....	.....	.....			.....	.....	.....	.....			86			
.....	.....	1	1	1	(.06)	.....	.....	.....	.....			66			
.....	.....	.....	.....			.....	.....	.....	.....			11	81	1.9	3.5
.....	.....	.....	.....			.....	.....	.....	.....			4			
72	891	679	1,642			18	729	334	1,081			4,309			
$	$	$	$			$	$	$	$						
3,900	2,500	2,200	2,400			4,200	2,850	2,450	2,700						
3,802	2,585	2,328	2,533			4,201	2,770	2,503	2,711						
46	33	13	26			75	54	26	48			−116			

*Whole-time teachers in Vocational work. Vocational teachers who spend part-time in High School (or Collegiate Institute) and the balance of the time in the Vocational School are shown in the High School (or Collegiate Institute) section.

THE CONTINUATION SCHOOLS

TABLE 28—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1940-41

CONTINUATION SCHOOLS	Grade	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS			
		May Enrolment	Male	Female	Average Daily Attendance for the Year	Attendance Efficiency Percentage	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	Pupils from other Secondary School Districts	Non-Resident Pupils	County Pupils
In Counties															
Acton	A	71	28	43	71	93.8	27	17	18	9	.....	41	.....	10	20
Agincourt	A	89	41	45	89	91.6	20	27	23	11	8	37	.....	.....	52
Ailsa Craig	B	41	14	27	41	92.5	11	11	10	6	.....	17	.....	.....	24
Allenford	B	30	12	18	29	95.5	5	4	10	11	.....	20	3	.....	7
Alton	B	20	7	13	20	92.5	6	1	6	7	.....	7	.....	13	.....
Alvinston	A	56	30	26	56	94.7	19	15	12	6	4	27	.....	1	29
Arkona	C	23	14	9	21	92.4	12	11	.....	.....	.....	15	.....	.....	8
Aultsville	B	32	11	21	30	93.3	11	11	3	4	.....	15	2	11	4
Ayr	B	41	18	23	41	93.8	10	12	11	8	.....	21	.....	.....	20
Bancroft	B	48	17	31	53	92.1	15	13	10	10	.....	36	4	.....	8
Bath	B	26	9	17	23	88.5	11	6	7	2	.....	12	.....	.....	14
Beachburg	B	24	6	18	24	87.8	4	11	3	6	.....	15	.....	.....	9
Beaverton	A	96	37	59	86	95.2	33	21	16	14	12	46	.....	1	49
Beeton	B	53	17	36	52	93.0	21	14	9	9	.....	33	.....	.....	20
Belmont	B	43	19	24	42	95.2	21	7	8	7	.....	18	.....	.....	25
Blackstock	A	43	16	27	42	94.5	14	7	6	7	9	14	.....	.....	29
Blyth	B	34	13	21	34	93.2	11	8	8	7	.....	17	.....	17	.....
Bobcaygeon	A	43	20	23	45	93.2	14	9	7	8	5	28	.....	5	10
Bolton	B	41	15	26	45	95.4	19	6	9	7	.....	20	.....	2	19
Bothwell	A	45	24	21	44	92.3	20	8	4	8	5	18	.....	.....	27
Brooklin	B	57	26	31	58	93.6	19	21	13	4	.....	23	1	.....	33
Brownsville	B	29	9	20	30	96.1	6	10	7	6	.....	15	.....	2	12
Brussels	A	75	32	43	78	94.7	23	13	20	10	9	36	.....	39	.....
Burgessville	B	36	18	18	35	95.5	15	13	7	1	.....	23	.....	.....	13
Caledon East	B	32	13	19	33	95.4	7	14	7	4	.....	16	.....	.....	16
Cannington	B	52	26	26	52	76.4	14	12	18	8	.....	31	.....	6	15
Cardinal	A	63	31	32	64	92.8	22	19	11	7	4	53	.....	2	8
Carp	A	53	17	36	50	90.1	24	13	12	4	.....	28	.....	.....	25
Castleton	B	20	9	11	19	87.6	6	6	4	4	.....	10	.....	.....	10
Chalk River	B	23	12	11	23	86.2	11	9	.....	3	.....	23	.....	.....	.....
Chatsworth	B	52	20	32	49	92.8	15	16	8	13	.....	11	.....	.....	41
Claremont	B	30	11	19	28	90.5	9	6	7	8	.....	17	.....	1	12
Clifford	B	33	11	22	33	93.1	17	8	5	3	.....	14	.....	12	7
Cobden	A	58	25	33	56	94.4	12	21	6	10	9	29	.....	.....	29
Coldwater	B	55	17	38	54	81.9	13	16	10	16	.....	26	.....	29	.....

TABLE 28—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1940-41

CONTINUATION SCHOOLS	Grade	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS			
		May Enrolment	Male	Female	Average Daily Attendance for the Year	Attendance Efficiency Percentage	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	Pupils from other Secondary School Districts	Non-Resident Pupils	County Pupils
In Counties															
Comber	A	61	25	36	63	95.7	15	26	7	7	6	20	.....	.....	41
Consecon	B	20	8	12	18	89.6	8	6	1	5	.....	8	.....	.....	12
Cookstown	B	52	28	24	46	82.0	12	11	13	16	.....	33	.....	18	1
Cooksville	B	44	15	29	45	91.1	18	14	6	6	.....	35	.....	9	.....
Creemore	A	70	23	47	68	91.2	21	17	11	9	12	25	.....	.....	45
Cumberland	B	26	10	16	24	93.1	10	7	3	6	.....	21	.....	.....	5
Delaware	A	37	20	17	35	90.3	16	7	8	3	3	12	1	.....	24
Delta	B	36	15	21	35	90.7	16	10	5	5	.....	17	.....	.....	19
Denbigh	B	23	10	13	22	90.4	3	4	10	6	.....	14	.....	4	5
Dorchester	B	30	14	16	32	93.9	6	10	4	10	.....	18	.....	.....	12
Drayton	A	55	17	38	51	91.4	13	18	12	12	.....	15	.....	.....	40
Dresden	A	108	31	77	112	93.4	45	23	21	14	5	46	.....	18	44
Drumbo	B	26	12	14	25	88.5	13	5	4	4	.....	15	.....	.....	11
Dublin	A	60	17	43	52	86.6	19	14	10	11	6	23	.....	1	36
Eganville	B	21	12	9	21	92.5	6	4	7	4	.....	14	.....	.....	7
Eganville (R.C.)	A	57	23	34	56	96.0	15	8	18	10	6	32	.....	.....	25
Elgin	A	52	17	35	47	91.7	15	13	18	6	.....	15	.....	.....	37
Elmvale	B	47	16	31	47	88.9	20	12	10	5	.....	21	.....	.....	26
Embro	A	50	17	33	47	93.3	20	11	4	9	6	16	.....	.....	34
Ennismore	B	26	6	20	18	88.1	11	4	2	9	.....	12	.....	4	10
Erin	B	64	23	41	57	91.0	24	13	15	12	.....	28	.....	28	8
Fenelon Falls	A	59	23	36	59	92.6	18	12	7	15	7	33	.....	.....	26
Feversham	B	24	5	19	24	90.6	7	4	9	4	.....	8	1	.....	15
Fingal	B	20	6	14	21	92.1	6	10	3	1	.....	11	.....	.....	9
Fitzroy Harbour	B	38	24	14	37	94.4	14	8	8	8	.....	24	.....	.....	14
Flinton	B	18	8	10	18	87.3	4	7	2	5	.....	5	.....	.....	13
Florence	A	68	28	40	67	96.0	23	22	10	5	8	11	1	4	52
Fordwich	B	27	12	15	27	93.6	14	3	4	6	.....	13	.....	.....	14
Forester's Falls	B	21	14	7	21	93.1	5	1	8	7	.....	18	.....	.....	3
Forest Hill Village	A	406	199	207	386	93.8	111	119	81	61	34	398	.....	8	.....
Frankford	A	47	22	25	49	93.6	21	13	5	6	2	28	.....	.....	19
Grand Valley	A	66	22	44	71	94.9	27	20	12	5	2	28	1	1	36
Haliburton	B	11	3	8	13	82.2	3	2	3	3	.....	9	.....	2	.....
Hallville	A	37	12	25	38	91.0	12	10	6	6	3	25	.....	10	2
Heusall	B	25	13	12	26	90.0	8	6	4	7	.....	12	.....	.....	13
Hepworth	B	37	16	21	37	87.8	10	7	10	10	.....	14	.....	12	11
Highgate	B	17	4	13	16	92.9	6	3	6	2	.....	6	.....	.....	11

TABLE 28—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1940-41

CONTINUATION SCHOOLS	Grade	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS			
		May Enrolment	Male	Female	Average Daily Attendance for the Year	Attendance Efficiency Percentage	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	Pupils from other Secondary School Districts	Non-Resident Pupils	County Pupils
In Counties															
Holstein	B	29	14	15	28	94.2	16	8	4	1	.....	18	.....	.....	11
Honeywood	B	23	13	10	22	95.1	11	5	4	3	.....	8	.....	15	.....
Ilderton	B	47	29	18	45	92	14	18	9	6	.....	16	.....	.....	31
Inglewood	B	22	9	13	21	88	5	6	7	4	.....	7	.....	.....	15
Jarvis	B	40	13	27	41	93	17	7	9	7	.....	24	.....	3	13
Kars	B	47	20	27	44	91	12	15	15	5	.....	20	.....	.....	27
Kenmore	B	23	15	8	21	92	9	6	2	6	.....	13	.....	.....	10
Kinburn	B	43	12	31	43	94	11	9	15	8	.....	7	.....	36	.....
Kinmount	B	26	8	18	23	88	7	8	6	5	.....	24	.....	.....	2
Lambeth	B	46	22	24	44	93	9	18	14	5	.....	15	.....	.....	31
Lanark	B	58	20	38	55	91.5	21	19	9	9	.....	23	.....	.....	35
Lansdowne	B	38	18	20	40	91.0	8	15	10	5	.....	11	.....	.....	27
Laurel	C	6	4	2	6	89.4	4	2	.....	.....	.....	3	.....	3	.....
Lefroy	B	50	19	31	46	92.4	21	11	9	9	.....	8	.....	.....	42
Lion's Head	B	27	5	22	27	95.2	10	4	9	4	.....	.....	17	.....	10
Little Britain	B	34	18	16	31	91.4	9	11	6	8	.....	12	1	.....	21
Lobo	B	49	22	27	47	96.8	17	15	7	10	.....	14	.....	.....	35
Long Branch	A	187	78	109	200	90.7	80	58	24	14	11	138	.....	49	.....
Lynden	B	32	17	15	33	80.3	11	7	8	6	.....	13	19	.....	.....
Lyndhurst	A	46	19	27	42	90.6	13	12	12	9	.....	6	.....	.....	40
Malakoff	B	10	4	6	10	82.5	4	.....	1	5	.....	4	.....	.....	6
Mallorytown	B	44	9	35	49	91.5	20	16	2	6	.....	14	.....	.....	30
Manotick	B	37	12	25	36	94.3	12	11	9	5	.....	26	.....	.....	11
Melbourne	B	19	6	13	18	91.9	5	3	3	8	.....	6	.....	11	2
Merlin	A	61	19	42	57	89.0	23	18	10	5	5	22	.....	.....	39
Merrickville	B	54	20	34	50	93.4	21	14	8	11	.....	31	.....	.....	23
Metcalfe	B	40	12	28	41	95.5	14	11	10	5	.....	11	.....	.....	29
Millbrook	A	62	21	41	59	92.2	18	20	13	6	5	22	.....	.....	40
Milverton	A	80	34	46	78	91.8	16	20	21	8	15	36	.....	1	43
Minden	B	23	11	12	19	88.8	6	10	3	4	.....	23	.....	.....	.....
Minesing	B	24	9	15	24	90.2	14	2	5	3	.....	13	11	.....	.....
Mount Albert	B	34	18	16	34	96.9	12	6	10	6	.....	18	.....	11	5
Mount Brydges	B	43	13	30	43	91.5	11	9	14	9	.....	12	.....	.....	31
Mount Elgin	B	43	21	22	43	96.0	14	13	10	6	.....	16	.....	27	.....
Mount Pleasant	B	32	10	22	31	88.3	14	8	7	3	.....	24	.....	8	.....
Navan	B	32	13	19	30	91.3	7	10	5	10	.....	13	.....	.....	19

TABLE 28—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1940-41

CONTINUATION SCHOOLS	Grade	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS			
		May Enrolment	Male	Female	Average Daily Attendance for the Year	Attendance Efficiency Percentage	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	Pupils from other Secondary School Districts	Non-Resident Pupils	County Pupils
In Counties															
New Dundee	B	23	12	11	24	93.0	12	7	4	.....	.....	9	14	.....	.....
New Hamburg	A	68	31	37	67	88.2	28	11	17	3	9	47	20	1	.....
North Augusta	B	21	5	16	23	87.6	9	5	3	4	.....	5	.....	6	10
North Gower	B	35	7	28	33	94.2	11	5	9	10	.....	18	1	16	.....
Odessa	B	49	17	32	44	88.2	14	15	14	6	.....	17	.....	.....	32
Oil Springs	B	34	13	21	33	95.1	13	9	6	6	.....	10	.....	.....	24
Orono	A	48	18	30	47	92.1	13	12	8	8	7	15	.....	.....	33
Otterville	B	32	11	21	30	91.4	17	5	7	3	.....	23	.....	.....	9
Paincourt	B	44	12	32	44	97.7	18	9	9	8	.....	39	.....	2	3
Paisley	A	78	35	43	61	94.1	21	26	19	6	6	42	.....	.....	36
Pakenham	B	53	23	30	48	94.1	20	14	12	7	.....	30	.....	23	.....
Palmerston	A	106	36	70	103	96.4	35	28	19	14	10	60	.....	12	34
Pelee Island	B	28	13	15	27	93.8	9	11	5	3	.....	17	11	.....	.....
Pelham	A	118	46	72	106	93.4	36	26	24	17	15	21	.....	.....	97
Pickering	B	49	26	23	46	94.5	17	18	9	5	.....	28	.....	21	.....
Plattsville	A	45	17	28	44	90.7	13	8	10	7	7	7	.....	.....	38
Port Burwell	B	26	7	19	28	91.2	11	6	5	4	.....	18	.....	.....	8
Port McNicoll	A	39	12	27	40	92.7	9	22	8	.....	.....	36	.....	3	.....
Princeton	B	32	14	18	31	90.9	12	7	8	5	.....	14	4	.....	14
Richmond	A	65	24	41	58	91.3	14	16	21	8	6	22	.....	.....	43
Ripley	A	54	24	30	51	94.6	16	11	10	9	8	26	1	.....	27
Rockwood	B	40	17	23	42	93.5	11	14	10	5	.....	17	.....	7	16
Rodney	A	62	23	39	64	90.4	19	12	13	10	8	41	.....	.....	21
Russell	A	61	23	38	57	92.9	19	19	9	6	8	43	.....	12	6
St. George	A	58	21	37	53	93.0	22	14	6	6	10	43	.....	9	6
Schomberg	B	37	14	23	40	90.6	16	10	4	7	.....	14	.....	11	12
Scotland	B	33	12	21	32	87.8	13	7	9	4	.....	16	.....	12	5
Seeley's Bay	B	55	19	36	56	93.4	26	6	13	10	.....	19	.....	17	19
Selkirk	B	34	16	18	33	89.5	11	14	5	4	.....	10	.....	.....	24
Severn Bridge	B	30	6	24	31	92.1	6	6	10	8	.....	1	.....	18	11
Singhampton	B	25	9	16	20	85.8	7	6	6	6	.....	10	.....	.....	15
Southampton	A	76	28	48	66	93.5	23	24	15	9	5	74	.....	2	.....
South Mountain	A	78	32	46	76	93.8	19	13	17	16	13	19	.....	.....	59
Sparta	B	23	10	13	22	86.1	5	9	6	3	.....	10	.....	.....	13
Spencerville	A	55	27	28	52	94.3	18	15	7	15	.....	29	.....	.....	26
Springfield	B	32	12	20	30	92.5	9	9	9	5	.....	18	.....	.....	14

TABLE 28—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1940-41

CONTINUATION SCHOOLS	Grade	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS			
		May Enrolment	Male	Female	Average Daily Attendance for the Year	Attendance Efficiency Percentage	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	Pupils from other Secondary School Districts	Non-Resident Pupils	County Pupils
In Counties															
Stayner	A	72	30	42	72	97.5	21	25	12	9	5	35	.....	.....	37
Stella	B	21	5	16	19	85.5	6	7	2	6	.....	3	.....	.....	18
Stevensville	A	50	29	21	50	93.5	25	7	12	4	2	33	.....	17	.....
Stouffville	A	113	50	63	111	94.0	37	27	21	16	12	48	1	45	19
Sunderland	B	43	18	25	42	82.2	17	8	8	10	.....	20	.....	.....	23
Sutton	A	95	31	64	95	91.8	27	25	19	12	12	57	37	.....	1
Tamworth	A	52	19	33	51	91.6	11	10	12	8	11	29	.....	.....	23
Tara	B	47	23	24	46	97.9	14	12	12	9	.....	8	.....	12	27
Tavistock	B	37	19	18	39	96.0	11	18	4	4	.....	31	.....	.....	6
Teeswater	A	59	27	32	59	93.8	22	12	9	11	5	33	.....	26	.....
Thamesford	B	58	18	40	57	95.1	16	17	13	12	.....	25	.....	32	1
Thamesville	A	60	22	38	60	92.7	20	11	9	15	5	36	.....	.....	24
Thedford	B	24	5	19	21	91.5	7	13	2	2	.....	15	.....	.....	9
Thorndale	B	30	9	21	28	91.6	12	3	11	4	.....	11	.....	18	1
Thornton	D	25	10	15	24	91.3	13	4	1	7	.....	11	.....	.....	14
Tiverton	B	28	9	19	25	94.2	15	9	2	2	.....	14	.....	.....	14
Tottenham	B	55	21	34	53	88.8	18	20	11	6	.....	29	.....	8	18
Wales	B	43	14	29	40	92.1	20	12	7	4	.....	10	.....	.....	33
Warkworth	A	58	17	41	55	92.5	20	12	7	13	6	21	9	27	1
Wellesley	B	20	7	13	17	94.4	8	8	4	.....	.....	17	.....	2	1
Wellington	A	66	23	43	65	88.4	22	16	10	8	10	51	.....	15	.....
West Lorne	B	42	18	24	44	95.1	13	10	11	8	.....	25	.....	.....	17
Westmeath	B	20	8	12	20	87.6	5	6	6	3	.....	15	.....	.....	5
Westport	B	48	14	34	47	92.1	13	10	11	14	.....	22	.....	20	6
Westport (R.C.)	D	56	20	36	58	96.0	18	7	10	10	11	35	1	11	9
Wheatley	A	71	38	33	72	95.1	25	17	7	11	11	39	.....	14	18
Wilberforce	B	18	11	7	15	91.2	6	3	4	4	1	16	.....	.....	2
Wolfe Island	C	10	5	5	12	85.3	7	3	.....	.....	.....	3	.....	7	.....
Woodville	B	43	19	24	38	91.0	10	19	10	4	.....	17	.....	25	1
Wooler	B	34	13	21	27	89.7	7	11	8	8	.....	16	.....	.....	18
Wroxeter	B	39	13	26	37	93.8	8	15	9	7	.....	16	.....	.....	23
Wyoming	B	39	18	21	40	95.9	15	13	9	2	.....	23	1	.....	15
Totals	.....	8,183	3,280	4,906	7,969	92.3	2,712	2,167	1,631	1,272	404	4,197	162	885	2,942

TABLE 28—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1940-41

CONTINUATION SCHOOLS	Grade	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS			
		May Enrolment	Male	Female	Average Daily Attendance for the Year	Attendance Efficiency Percentage	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	Pupils from other Secondary School Districts	Non-Resident Pupils	County Pupils
In Districts															
Blind River	A	46	22	24	51	91.9	7	20	10	2	7	45	.....	1	.....
Bruce Mines	B	46	18	28	45	94.1	9	21	9	7	.....	23	.....	.....	23
Burk's Falls	A	58	29	29	57	94.8	17	13	10	11	7	33	.....	25	.....
Coniston	A	82	33	49	83	95.2	42	28	4	8	.....	77	.....	1	4
Emo	A	31	13	18	31	95.4	10	8	10	3	.....	22	.....	9	.....
Espanola	A	81	30	51	79	90.2	29	22	22	4	4	71	.....	.....	10
Fraserdale	C	13	7	6	13	97.0	1	2	3	5	2	11	.....	.....	2
Hornepayne	A	39	21	18	32	90.7	15	8	6	5	5	39	.....	.....	.....
Little Current	B	42	22	20	37	87.0	15	14	9	4	.....	35	.....	7	.....
MacTier	B	38	13	25	37	94.2	16	5	9	8	.....	37	.....	1	.....
Manitowaning	B	20	4	16	20	89.0	4	9	6	1	.....	10	.....	.....	10
Massey	B	37	15	22	36	85.4	6	11	6	14	.....	34	.....	.....	3
Milford Bay	B	21	13	8	20	86.5	7	4	5	5	.....	20	.....	.....	1
Mindemoya	B	37	14	23	37	93.2	6	10	10	11	.....	28	.....	.....	9
Nipigon	B	18	12	6	18	95.9	8	3	4	3	.....	18	.....	.....	.....
Port Carling	B	40	21	19	30	78.9	10	18	10	2	.....	18	2	20	.....
Powassan	B	64	23	41	65	96.4	21	14	13	16	.....	30	.....	.....	34
Red Lake	C	19	7	12	18	93.5	8	8	2	1	.....	19	.....	.....	.....
Richard's Landing	B	15	5	10	16	90.9	4	3	5	3	.....	15	.....	.....	.....
Schreiber	A	71	34	37	72	95.6	15	21	12	12	11	71	.....	.....	.....
Sioux Lookout	A	96	40	56	103	96.2	41	24	12	18	1	96	.....	.....	.....
Smooth Rock Falls	A	50	26	24	50	96.4	19	15	9	7	.....	36	.....	14	.....
South River	B	29	6	23	28	93.7	9	9	4	7	.....	28	.....	.....	1
Sprucedale	B	14	4	10	11	79.5	7	5	1	1	.....	12	.....	.....	2
Sundridge	B	31	13	18	30	92.7	10	7	7	7	.....	27	.....	4	.....
White River	C	17	8	9	14	96.2	6	2	2	7	.....	17	.....	.....	.....
Totals	.....	1,055	453	602	1,033	92.9	342	304	200	172	37	872	2	92	89
Grand Totals	.....	9,241	3,733	5,508	9,002	92.3	3,054	2,471	1,831	1,444	441	5,069	164	977	3,031
Increases for year	.....	.....	.....	.....	.....	.9	.....	.....	.....	.....	56	.....	.....	.....	.....
Decreases for year	.....	807	500	307	562	.....	299	181	159	224	.....	519	.....	304	.....
Percentages	.....	.....	40.4	59.6	97.4	.....	33.0	26.7	19.8	15.7	4.8	54.9	1.7	10.6	32.8

TABLE 29—AGE-GRADE DISTRIBUTION, MAY, 1941

		11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years	20 years	21 years and over	Totals	Grade Totals
GRADE IX	Boys	2	39	311	535	331	122	25	5	.....	.....	.....	1,370	3,039
	Girls	6	65	406	690	352	117	31	1	1	.....	.....	1,669	
GRADE X	Boys	.....	3	36	234	404	218	68	13	5	.....	.....	981	2,458
	Girls	.....	3	63	381	614	280	111	22	2	1	.....	1,477	
GRADE XI	Boys	.....	1	.....	35	190	296	155	24	6	.....	1	708	1,822
	Girls	.....	1	3	57	360	455	171	47	11	4	2	1,114	
GRADE XII	Boys	.....	.....	.....	3	31	150	194	90	19	4	3	494	1,442
	Girls	.....	.....	.....	.....	55	300	361	160	53	17	2	948	
GRADE XIII	Boys	.....	.....	.....	.....	2	11	46	58	30	14	1	162	441
	Girls	.....	.....	.....	.....	.....	20	81	92	67	11	8	279	
TOTALS BY SEXES	Boys	2	43	347	807	958	797	488	190	60	18	5	3,715	
	Girls	6	69	472	1,128	1,381	1,172	755	322	137	33	12	5,487	
GRAND TOTALS		8	112	819	1,935	2,339	1,969	1,243	512	197	51	17	9,202	

TABLE 30—FINANCIAL STATISTICS, 1940 (as reported by School Boards)

Schools	Average Daily Attendance (A)	Major Sources of Receipts				Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness (D)
		Legislative Grants	County Grant	Township Grant	School District Levy (B)	Current	Capital (C)	Current	Capital	Total	
In Counties		$	$	$	$	$	$				$
Acton	63	611	2,124	.....	4,438	5,070	1,520	41.9	12.6	54.5	13,000
Agincourt	110	3,253	15,946	.....	167	10,585	8,742	49.6	40.9	90.5	54,802
Ailsa Craig	48	1,337	1,935	.....	1,612	3,820	1,162	40.7	12.4	53.1	13,997
Allenford	36	884	1,395	.....	1,600	2,922	656	43.3	9.7	53.0	5,244
Alton	20	960	1,377	1,000	583	3,087	568	80.5	14.9	95.4	5,618
Alvinston	56	850	2,511	.....	2,259	4,717	945	42.9	8.3	51.2	5,293
Arkona	17	194	194	.....	605	671	.....	16.4	.....	16.4	.....
Aultsville	31	806	762	425	619	3,045	.....	51.0	.....	51.0	.....
Ayr	44	104	1,760	.....	2,633	3,404	802	39.1	9.2	48.3	3,474
Bancroft	50	1,192	386	.....	1,118	2,706	418	28.3	4.3	32.6	7,141
Bath	28	1,054	1,049	.....	850	2,820	.....	52.4	.....	52.4	.....
Beachburg	28	710	1,702	300	2,340	2,680	1,005	48.1	18.1	66.2	3,012
Beaverton	93	1,109	2,664	.....	2,588	6,673	.....	36.9	.....	36.9	.....
Beeton	56	824	1,236	.....	1,948	3,169	654	28.6	5.9	34.5	5,481
Belmont	40	628	1,622	.....	1,875	3,504	.....	43.9	.....	43.9	.....
Blackstock	47	779	4,204	400	1,311	5,362	1,241	60.6	14.0	74.6	9,869
Blyth	37	812	1,251	.....	1,312	3,083	.....	41.8	.....	41.8	.....
Bobcaygeon	49	837	1,739	.....	2,108	4,885	.....	51.7	.....	51.7	.....
Bolton	39	590	1,812	629	1,200	3,114	1,088	40.9	14.3	55.2	2,934
Bothwell	43	852	2,111	.....	1,600	4,637	.....	55.8	.....	55.8	.....
Brooklin	61	928	2,089	500	2,159	3,862	1,376	32.3	11.5	43.8	17,937
Brownsville	34	686	1,694	.....	1,640	3,622	.....	55.4	.....	55.4	.....
Brussels	79	1,250	1,835	.....	3,475	6,076	.....	39.0	.....	39.0	.....
Burgessville	33	709	2,058	500	1,537	3,433	1,605	53.0	24.8	77.8	11,233
Caledon East	37	1,009	1,133	1,000	677	3,150	677	43.5	9.3	52.8	642
Cannington	55	738	1,426	.....	2,319	3,455	559	32.0	5.2	37.2	1,010
Cardinal	94	1,110	1,412	.....	3,700	5,814	.....	45.3	.....	45.3	.....
Carp	56	1,015	2,257	.....	3,402	4,701	941	44.3	8.9	53.2	8,360
Castleton	26	928	3,290	.....	1,000	3,291	1,118	65.4	22.2	87.6	10,662
Chalk River	28	730	231	630	1,450	2,362	.....	42.8	.....	42.8	.....
Chatsworth	49	760	2,951	.....	3,004	5,895	.....	54.5	.....	54.5	.....
Claremont	26	759	1,031	1,000	591	3,195	1,651	52.6	27.2	79.8	27,843
Clifford	29	665	1,497	.....	2,329	3,129	784	55.2	13.8	69.0	2,352
Cobden	55	1,324	2,615	.....	5,082	5,893	1,619	56.2	15.4	71.6	20,493
Coldwater	57	955	1,151	.....	2,687	3,417	1,342	30.3	11.9	42.2	12,232

TABLE 30—FINANCIAL STATISTICS, 1940 (as reported by School Boards)

Schools	Average Daily Attendance (A)	Major Sources of Receipts				Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness (D)
		Legislative Grants	County Grant	Township Grant	School District Levy (B)	Current	Capital (C)	Current	Capital	Total	
In Counties		$	$	$	$	$	$				$
Comber	96	251	3,208	.....	2,308	5,315	1,308	42.8	10.5	53.3	6,538
Consecon	18	422	974	600	1,414	2,394	.....	68.9	.....	68.9	.....
Cookstown	125	917	970	402	1,445	3,168	.....	35.9	.....	35.9	.....
Cooksville	48	640	739	.....	4,262	3,753	557	40.3	6.0	46.3	7,568
Creemore	71	722	2,945	.....	2,354	5,322	712	38.7	5.2	43.9	4,533
Cumberland	23	592	404	.....	1,549	2,193	137	47.5	3.0	50.5	441
Delaware	31	694	1,794	1,800	2,231	4,670	1,030	82.3	18.1	100.4	18,542
Delhi	100	573	1,539	.....	4,000	6,306	.....	32.2	.....	32.2	.....
Delta	31	940	1,176	.....	1,500	3,726	.....	62.0	.....	62.0	.....
Denbigh	25	755	576	300	415	1,767	440	37.7	9.4	47.1	3,500
Dorchester	38	747	1,424	375	3,316	2,636	1,673	36.3	23.0	59.3	4,525
Drayton	58	1,461	4,821	.....	1,360	7,463	.....	65.4	.....	65.4	.....
Dresden	94	1,370	3,302	.....	3,969	8,081	584	39.2	2.8	42.0	4,346
Drumbo	24	748	1,572	.....	916	3,730	.....	80.4	.....	80.4	.....
Dublin	56	500	.....	.....	901	2,056	.....	48.4	.....	48.4	.....
Eganville	28	1,095	852	.....	3,423	3,667	712	65.6	12.7	78.3	10,120
Eganville R.C.	58	1,270	679	.....	824	3,450	.....	32.0	.....	32.0	.....
Elgin	56	1,537	3,411	703	1,754	5,190	1,445	46.8	13.0	59.8	2,697
Elmvale	56	1,044	1,772	1,500	.....	3,463	.....	32.2	.....	32.2	.....
Embro	38	763	3,479	.....	5,168	4,849	1,043	64.6	13.9	78.5	8,664
Ennismore	21	810	604	1,274	317	2,532	.....	62.8	.....	62.8	.....
Erin	56	845	2,270	.....	1,850	3,793	1,565	34.3	14.1	48.4	12,517
Fenelon Falls	61	1,073	2,867	.....	5,592	6,487	3,120	54.1	26.0	80.1	25,313
Feversham	27	993	1,250	850	107	2,766	548	52.5	10.4	62.9	1,644
Fingal	26	500	1,165	.....	1,614	3,091	.....	59.6	.....	59.6	.....
Fitzroy	32	1,027	543	1,000	650	3,168	.....	51.8	.....	51.8	.....
Flinton	22	807	713	150	179	2,119	.....	49.1	.....	49.1	.....
Florence	95	1,138	3,721	1,380	380	6,024	300	54.6	2.7	55.3	5,937
Fordwich	27	829	1,525	.....	902	2,760	902	53.1	17.3	70.4	3,654
Forest Hill	346	1,958	.....	.....	60,963	42,688	17,244	64.5	26.0	90.5	201,238
Forester's Falls	25	681	780	700	108	2,284	.....	47.4	.....	47.4	.....
Frankford	85	1,193	1,662	.....	3,376	5,051	2,064	56.1	22.9	79.0	26,826
Grand Valley	57	1,073	2,156	.....	3,019	4,882	.....	43.8	.....	43.8	.....
Haliburton	21	902	.....	.....	2,427	2,554	772	62.3	18.8	81.1	2,064
Hallville	41	2,324	2,110	1,200	2,491	7,288	2,192	92.0	27.7	119.7	2,531
Hensall	32	778	1,397	.....	2,795	3,783	627	61.6	10.2	71.8	2,020
Hepworth	40	1,371	1,767	.....	1,202	3,403	802	43.6	10.3	53.9	6,416

TABLE 30—FINANCIAL STATISTICS, 1940 (as reported by School Boards)

Schools	Average Daily Attendance (A)	Major Sources of Receipts				Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness (D)
		Legislative Grants	County Grant	Township Grant	School District Levy (B)	Current	Capital (C)	Current	Capital	Total	
In Counties		$	$	$	$	$	$				$
Highgate	20	573	1,224	.....	963	3,278	963	84.9	25.0	109.9	4,171
Holstein	27	680	1,803	.....	1,097	3,157	585	59.8	11.0	70.8	8,781
Honeywood	23	675	1,122	1,000	826	2,801	642	62.9	14.4	77.3	5,196
Ilderton	47	919	1,864	.....	1,646	3,587	.....	38.7	.....	38.7	.....
Inglewood	26	889	1,731	800	801	2,788	932	54.7	18.3	73.0	5,296
Jarvis	43	1,236	1,723	.....	2,137	3,277	1,618	40.0	19.6	59.6	19,572
Kars	44	653	1,085	.....	1,300	2,988	.....	34.0	.....	34.0	.....
Kenmore	23	988	939	300	500	3,165	.....	70.2	.....	70.2	.....
Kinburn	49	1,223	3,096	600	.....	5,522	455	58.0	4.8	62.8	5,464
Kinmount	27	937	89	404	237	1,677	.....	32.3	.....	32.3	.....
Lambeth	47	530	2,496	.....	2,012	4,021	.....	43.9	.....	43.9	.....
Lanark	57	1,465	662	.....	547	3,295	.....	29.9	.....	29.9	.....
Lansdowne	40	706	.....	.....	2,155	3,240	480	33.5	5.0	38.5	770
Laurel	11	160	400	600	243	1,277	.....	59.5	.....	59.5	.....
Lefroy	46	602	1,975	1,000	782	3,809	782	42.5	8.7	51.2	9,030
Lion's Head	29	1,031	1,104	.....	758	2,459	682	43.3	12.0	55.3	3,023
Little Britain	33	826	2,271	750	1,872	3,830	1,805	59.7	28.1	87.8	14,444
Lobo	45	1,139	2,295	.....	1,158	4,370	.....	49.8	.....	49.8	.....
Long Branch	235	3,364	6,689	.....	10,085	15,701	4,472	34.8	9.9	44.7	71,557
Lynden	34	840	.....	517	1,642	3,409	.....	50.3	.....	50.3	.....
Lyndhurst	50	1,974	5,015	1,930	2,072	8,211	1,472	87.3	15.6	102.9	17,903
Malakoff	11	345	931	508	406	1,960	.....	88.1	.....	88.1	.....
Mallorytown	56	1,173	2,164	.....	994	4,488	994	40.9	9.1	50.0	Paid off
Manotick	43	1,354	1,849	619	640	3,623	.....	43.3	.....	43.3	.....
Melbourne	20	898	1,318	900	1,007	3,227	.....	85.1	.....	85.1	.....
Merlin	57	596	2,713	.....	.....	4,768	.....	42.8	.....	42.8	.....
Merrickville	47	1,322	1,451	.....	2,033	3,654	533	40.0	5.8	45.8	5,498
Metcalfe	46	1,577	772	500	692	3,312	.....	36.6	.....	36.6	.....
Millbrook	66	1,157	3,574	.....	2,809	4,966	2,582	38.7	20.1	58.8	19,948
Milverton	76	1,329	3,569	.....	5,353	7,823	2,236	52.8	15.1	67.9	14,167
Minden	23	850	.....	100	575	1,945	.....	44.2	.....	44.2	.....
Minesing	18	454	634	600	930	1,443	.....	41.9	.....	41.9	.....
Mount Albert	30	915	2,058	900	2,050	3,888	2,239	66.5	38.3	104.8	19,907
Mount Brydges	47	1,155	1,000	.....	1,000	4,009	.....	43.1	.....	43.1	.....
Mount Elgin	43	827	2,616	500	1,588	4,352	1,118	52.2	13.5	65.7	7,827
Mount Pleasant	31	689	853	750	4,828	3,538	1,827	58.7	30.3	89.0	14,620

TABLE 30—FINANCIAL STATISTICS, 1940 (as reported by School Boards)

Schools	Average Daily Attendance (A)	Major Sources of Receipts				Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness (D)
		Legislative Grants	County Grant	Township Grant	School District Levy (B)	Current	Capital (C)	Current	Capital	Total	
In Counties		$	$	$	$	$	$				$
Navan	38	782	911	.....	1,764	2,617	363	36.0	5.0	41.0	1,258
New Dundee	28	724	1,186	.....	2,227	3,064	1,003	56.3	18.4	74.7	6,482
New Hamburg	53	1,683	711	.....	4,998	6,651	.....	72.2	.....	72.2	.....
North Augusta	30	698	2,187	797	.....	3,356	.....	57.3	.....	57.3	.....
North Gower	35	917	.....	.....	1,700	2,820	.....	42.3	.....	42.3	.....
Odessa	18	898	1,752	1,000	.....	3,303	.....	35.1	.....	35.1	.....
Oil Springs	32	1,232	949	841	910	3,152	.....	49.3	.....	49.3	.....
Orono	53	1,216	3,839	1,400	1,308	5,934	1,138	58.8	11.2	70.0	9,254
Otterville	32	785	1,818	500	1,734	3,598	1,148	56.4	18.0	71.4	6,522
Paisley	70	1,083	2,175	.....	1,909	5,174	.....	38.0	.....	38.0	.....
Paincourt	44	260	432	.....	3,030	3,925	.....	45.8	.....	45.8	.....
Pakenham	44	1,074	1,049	1,000	.....	3,088	.....	35.3	.....	35.3	.....
Palmerston	98	686	1,744	.....	7,389	7,621	1,759	40.7	9.4	50.1	39,115
Pelee Island	24	1,372	.....	1,120	450	3,086	.....	66.7	.....	66.7	.....
Pelham	108	2,255	16,256	1,400	3,653	14,497	3,852	68.4	18.2	86.6	19,550
Pickering	54	1,265	2,169	1,000	1,489	3,696	1,489	36.4	14.7	51.1	10,066
Plattsville	50	907	3,302	.....	1,100	5,325	.....	51.3	.....	51.3	.....
Port Burwell	91	1,062	1,013	1,000	1,940	3,713	1,304	69.3	21.3	93.6	11,741
Princeton	33	739	1,479	.....	1,795	3,920	.....	61.8	.....	61.8	.....
Richmond	67	1,423	2,921	.....	2,297	5,365	1,396	41.0	10.7	51.7	12,721
Ripley	49	656	2,795	.....	2,586	4,949	430	53.5	4.6	58.1	1,159
Rockwood	49	1,215	1,669	900	1,548	3,374	1,548	35.0	16.0	51.0	11,668
Rodney	65	3,134	1,177	769	1,780	5,030	611	39.4	4.8	44.2	1,645
Russell	65	1,975	692	1,331	2,503	6,182	.....	48.5	.....	48.5	.....
St. George	58	706	585	700	4,890	6,273	1,626	61.8	16.0	77.8	16,009
Schomberg	47	773	3,146	500	1,796	4,115	1,210	42.1	12.3	54.4	11,367
Scotland	30	626	1,672	500	2,205	3,075	807	41.3	10.8	52.1	1,900
Seeley's Bay	46	1,142	1,923	765	1,442	4,771	959	52.9	10.6	63.5	6,651
Selkirk	31	1,179	2,020	.....	1,469	3,802	.....	61.7	.....	61.7	.....
Severn Bridge	32	1,860	930	1,000	374	3,312	371	52.7	5.9	58.6	3,894
Singhampton	20	654	1,140	750	757	2,266	435	58.7	11.2	69.9	4,359
Southampton	71	1,014	629	.....	6,730	6,909	999	51.2	7.4	58.6	9,759
South Mountain	74	1,771	3,841	1,200	773	6,564	773	46.6	5.5	52.1	13,907
Sparta	24	672	1,771	.....	750	3,800	.....	81.8	.....	81.8	.....
Spencerville	56	1,516	1,834	600	1,161	4,713	.....	45.2	.....	45.2	.....
Springfield	32	807	1,542	.....	2,795	3,098	1,799	48.7	28.3	77.0	12,594

TABLE 30—FINANCIAL STATISTICS, 1940 (as reported by School Boards)

Schools	Average Daily Attendance (A)	Major Sources of Receipts				Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness (D)
		Legislative Grants	County Grant	Township Grant	School District Levy (B)	Current	Capital (C)	Current	Capital	Total	
In Counties		$	$	$	$	$	$				$
Stayner	31	749	2,663	.....	5,805	5,772	2,305	93.8	37.5	131.3	17,494
Stella	21	747	1,112	499	130	2,314	.....	57.8	.....	57.8	.....
Stevensville	47	1,327	1,179	1,400	4,631	5,676	2,006	62.5	22.1	84.6	12,965
Stouffville	117	2,172	6,035	.....	5,479	10,094	2,585	43.0	11.0	54.0	20,056
Sunderland	47	846	1,188	.....	1,732	3,315	.....	36.0	.....	36.0	.....
Sutton West	101	946	3,265	.....	6,334	7,150	3,233	36.0	16.3	52.3	36,462
Tamworth	59	1,378	1,489	1,773	500	5,493	.....	48.3	.....	48.3	.....
Tara	49	917	1,499	.....	1,252	3,559	.....	38.3	.....	38.3	.....
Tavistock	39	654	1,064	.....	2,455	4,879	.....	65.6	.....	65.6	.....
Teaswater	64	1,447	2,954	.....	3,957	6,609	1,635	52.6	13.0	65.6	3,200
Thamesford	63	973	2,422	500	2,206	4,004	1,311	32.3	10.6	42.9	7,868
Thamesville	57	1,059	2,643	.....	2,937	5,758	1,046	50.9	9.2	60.1	4,033
Thedford	27	636	1,590	.....	1,561	3,243	1,362	61.5	25.8	87.3	9,572
Thorndale	27	748	1,441	500	2,400	3,014	.....	58.8	.....	58.8	.....
Thornton	23	680	1,286	862	964	2,856	651	65.1	14.8	79.9	12,360
Tiverton	20	581	1,139	.....	769	2,501	.....	62.7	.....	62.7	.....
Tottenham	60	1,164	1,150	.....	929	3,104	.....	27.7	.....	27.7	.....
Wales	40	869	2,136	.....	581	3,470	398	44.8	5.1	49.9	Paid off
Warkworth	55	1,250	2,893	700	2,414	5,615	596	52.1	5.5	57.6	5,383
Wellesley	18	443	369	400	1,348	2,313	250	66.7	7.2	73.9	.....
Wellington	69	929	2,132	.....	8,269	8,110	3,302	61.0	24.8	85.8	42,934
West Lorne	47	696	727	1,000	973	3,363	.....	36.4	.....	36.4	.....
Westmeath	24	449	320	.....	1,363	2,220	.....	49.7	.....	49.7	.....
Westport (Pub.)	44	1,178	545	.....	2,757	3,136	.....	36.5	.....	36.5	.....
Westport (R.C.)	47	913	644	.....	1,079	3,337	.....	36.7	.....	36.7	.....
Wheatley	72	2,180	1,340	.....	1,750	7,140	3,524	52.6	26.0	78.6	2,467
Wilberforce	13	750	.....	200	660	2,133	.....	88.8	.....	88.8	.....
Wolfe Island	15	130	587	400	.....	1,232	.....	42.5	.....	42.5	.....
Woodville	50	1,286	2,204	.....	2,025	3,731	1,568	37.5	15.8	53.3	18,826
Wooler	33	1,730	853	887	665	3,886	.....	60.2	.....	60.2	.....
Wroxeter	39	641	1,563	.....	934	3,096	.....	41.0	.....	41.0	.....
Wyoming	42	1,039	929	.....	1,600	3,192	324	39.5	4.0	43.5	971
Totals and Averages	8,553	$176,274	$322,358	$60,090	$400,378	$773,432	$147,760	48.2	9.2	57.4	$1,257,682

TABLE 30—FINANCIAL STATISTICS, 1940 (as reported by School Boards)

Schools	Average Daily Attendance (A)	Major Sources of Receipts				Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness (D)
		Legislative Grants		Township Grant	School District Levy (B)	Current	Capital (C)	Current	Capital	Total	
		Ordinary	District								
In Districts		$	$	$	$	$	$				$
Blind River	57	1,327	.....	.....	4,550	5,634	.....	52.7	.....	52.7	.....
Bruce Mines	50	1,131	.....	.....	2,526	3,519	726	36.5	7.5	44.0	3,000
Burk's Falls	60	1,257	672	.....	1,402	4,528	.....	38.3	.....	38.3	.....
Coniston	77	1,210	.....	.....	8,900	10,333	.....	69.0	.....	69.0	.....
Emo	30	.....	493	.....	2,257	3,242	260	56.1	4.5	60.6	.....
Espanola	68	1,210	377	.....	3,275	4,466	.....	29.4	.....	29.4	.....
Fraserdale	13	331	.....	.....	1,925	2,587	.....	108.7	.....	108.7	.....
Hornepayne	43	1,534	.....	.....	6,511	6,450	1,583	78.3	19.2	97.5	20,578
Little Current	36	1,131	.....	.....	2,100	3,337	.....	51.6	.....	51.6	.....
MacTier	38	1,269	.....	.....	2,380	3,604	610	48.1	8.1	56.2	4,270
Manitowaning	23	830	.....	200	1,100	2,076	.....	48.0	.....	48.0	.....
Massey	43	977	334	.....	1,227	2,649	.....	30.8	.....	30.8	.....
Milford Bay	19	1,003	.....	250	2,000	2,767	.....	74.6	.....	74.6	.....
Mindemoya	39	1,149	520	250	2,880	2,928	724	39.6	9.8	49.4	8,526
Nipigon	18	846	.....	.....	2,907	3,798	.....	112.2	.....	112.2	.....
Port Carling	48	891	1,076	.....	2,853	3,877	610	80.1	12.6	92.7	2,441
Powassan	69	1,425	572	399	3,042	3,790	1,308	31.1	10.7	41.8	11,770
Red Lake	18	433	.....	.....	1,575	2,479	.....	73.3	.....	73.3	.....
Richard's Landing	18	906	.....	800	348	2,001	.....	60.7	.....	60.7	.....
Schreiber	78	1,681	226	.....	8,540	7,725	2,752	49.9	17.8	67.7	24,873
Sioux Lookout	110	1,430	.....	.....	5,000	5,963	.....	28.9	.....	28.9	.....
Smooth Rock Falls	50	1,211	2,085	.....	8,826	12,211	.....	123.0	.....	123.0	.....
South River	26	1,080	.....	.....	2,719	3,305	.....	61.0	.....	61.0	.....
Sprucedale	12	636	136	950	.....	2,296	.....	109.7	.....	109.7	.....
Sundridge	31	1,382	.....	.....	1,745	3,149	.....	51.8	.....	51.8	.....
White River	11	315	.....	.....	1,850	2,222	.....	105.2	.....	105.2	.....
Totals and Averages	1,085	$26,595	$6,491	$2,849	$82,438	$110,936	$8,573	54.0	4.2	58.2	$75,458
Grand Totals and Averages	9,638	$209,360		$62,939	$482,816	$884,368	$156,333	48.8	8.6	57.4	$1,333,140

A Average daily attendance for the calendar year.
B Includes levy for debenture payments.
C Payments on debenture debt.
D In some cases this may include Public School.

THE COLLEGIATE INSTITUTES AND HIGH SCHOOLS

TABLE 31—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1940-41

COLLEGIATE INSTITUTES	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS			
	May Enrolment	Male	Female	Average Daily Attendance for the Year	Attendance Efficiency Percentage	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	Pupils from other Secondary School Districts	Non-Resident Pupils	County Pupils
In Counties														
Barrie	555	233	322	510	90.1	220	108	97	67	63	375	12	.....	168
Belleville	584	250	334	195	94.3	174	134	105	88	83	439	.....	4	141
Brantford	737	331	406	704	93.0	228	170	126	115	98	580	.....	16	141
Brockville	405	176	229	392	92.8	141	93	70	59	42	319	.....	.....	86
Chatham	508	251	257	495	93.8	157	132	103	84	32	345	.....	.....	163
Clinton	167	63	104	169	95.1	39	50	33	28	17	80	.....	.....	87
Cobourg	293	104	189	274	92.1	75	60	71	59	28	205	.....	.....	88
Collingwood	257	89	168	265	94.1	92	68	52	26	19	207	.....	9	41
Cornwall	572	269	303	561	95.6	293	75	98	72	34	354	.....	28	190
Galt	307	131	176	306	94.2	101	75	60	44	27	239	.....	43	25
Goderich	228	83	145	245	92.3	71	58	45	33	21	139	.....	.....	89
Guelph	566	280	286	526	92.9	166	109	118	110	63	449	3	10	104
Hamilton—Central	772	362	410	725	94.0	224	170	165	134	79	753	.....	.....	19
Delta	766	340	426	736	94.6	276	164	128	115	83	752	.....	14	.....
Westdale	740	351	389	705	95.6	183	155	158	142	102	697	.....	40	3
Ingersoll	226	91	135	229	94.1	82	54	44	24	22	185	.....	.....	41
Kingston	800	318	482	777	93.0	227	175	167	137	94	632	.....	154	14
Kitchener-Waterloo	616	304	312	543	93.1	.....	195	181	153	87	554	.....	.....	62
Lindsay	451	198	253	471	92.8	112	93	97	57	92	308	8	29	106
London—Central	910	445	465	898	93.6	226	198	177	158	151	748	.....	.....	162
—Sir Adam Beck	570	259	311	562	95.6	172	127	110	94	67	479	12	.....	79
—South	642	288	354	585	93.7	194	142	129	94	83	559	5	.....	78
Morrisburg	158	57	101	156	93.2	47	26	32	31	22	73	.....	.....	85
Napanee	217	89	128	214	93.7	79	49	33	25	31	113	.....	5	99
Niagara Falls	359	141	218	358	93.4	107	98	55	67	32	358	.....	1	.....
Orillia	412	178	234	426	91.9	127	115	79	58	33	290	44	14	64
Oshawa	566	250	316	588	94.2	197	121	126	79	43	462	.....	11	93
Ottawa—Glebe	1,370	702	668	1,315	93.4	351	314	276	255	174	1,362	.....	5	3
Lisgar	1,019	490	529	953	94.1	234	257	214	187	127	886	.....	8	125
Owen Sound	394	155	239	406	91.4	114	101	76	62	41	290	4	6	94
Pembroke	176	79	97	169	93.0	42	42	33	37	22	133	5	.....	38
Perth	279	133	146	266	94.1	83	68	55	38	35	152	.....	8	119
Peterborough	467	193	274	517	95.0	137	113	97	71	49	358	.....	11	98

TABLE 31—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1940-41

COLLEGIATE INSTITUTES	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS			
	May Enrolment	Male	Female	Average Daily Attendance for the Year	Attendance Efficiency Percentage	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	Pupils from other Secondary School Districts	Non-Resident Pupils	County Pupils
In Counties														
Picton	151	63	88	156	93.3	60	26	25	21	19	68	.....	.....	83
Renfrew	325	166	159	307	92.0	103	96	53	44	29	227	.....	2	96
St. Catharines	700	282	418	743	92.4	274	126	120	103	77	563	.....	.....	137
St. Mary's	240	97	143	239	94.4	78	63	39	34	26	139	1	27	73
St. Thomas	607	259	348	534	86.8	140	164	122	105	76	435	.....	8	164
Sarnia	623	285	338	594	92.5	172	158	121	104	68	462	.....	1	160
Scarborough	442	211	231	449	92.8	218	78	61	62	23	415	.....	19	8
Seaforth	127	43	84	125	93.4	37	30	22	21	17	67	.....	.....	60
Smith's Falls	377	159	218	366	94.1	119	95	69	68	26	285	.....	.....	92
Stamford	355	130	225	250	95.9	145	70	60	45	35	238	.....	79	38
Stratford	656	329	327	707	95.1	223	152	123	93	65	572	2	3	79
Strathroy	168	59	109	164	94.2	51	39	35	27	16	95	.....	9	64
Toronto—Bloor	557	308	249	536	93.4	139	159	108	87	64	557	.....	.....	.....
Harbord	1,201	755	446	1,136	95.5	332	323	213	190	143	1,201	.....	.....	.....
Humberside	1,375	655	720	1,286	92.9	335	341	275	233	191	1,368	.....	7	.....
Jarvis	844	447	397	819	92.0	202	198	154	151	139	825	.....	3	16
Lawrence Park	1,156	573	583	1,057	94.0	276	256	246	214	164	1,125	.....	25	6
Malvern	1,329	604	725	1,296	91.0	402	357	248	185	137	1,325	.....	.....	4
North	1,287	646	641	1,134	87.3	328	307	250	229	173	1,257	.....	30	.....
Oakwood	1,022	516	506	948	93.3	282	222	215	162	141	1,015	.....	7	.....
Parkdale	819	404	415	768	92.4	207	203	155	132	122	817	.....	2	.....
Riverdale	954	499	455	949	93.4	263	237	200	146	108	950	4	.....	.....
Vankleek Hill	136	47	89	154	93.8	39	32	31	14	20	34	23	.....	79
Weston	384	203	181	380	93.9	110	92	64	62	56	207	173	4	.....
Windsor—Kennedy	911	396	515	855	96.1	259	294	157	136	65	827	.....	.....	84
Patterson	811	366	445	817	95.9	261	220	151	125	54	803	.....	.....	8
Sandwich	454	179	275	475	95.9	132	121	77	67	57	423	.....	1	30
Walkerville	918	409	509	912	96.5	220	197	220	183	98	808	.....	.....	110
Woodstock	482	220	262	474	94.0	162	115	86	76	43	314	2	166	.....
York East	731	422	309	791	93.8	284	208	99	83	57	714	.....	.....	17
York North	314	154	160	313	93.9	82	91	55	48	38	228	.....	.....	86
York—Runnymede	777	400	377	744	93.1	246	165	139	121	106	519	1	5	252
Vaughan Road	1,037	509	528	1,106	93.5	420	242	171	127	77	1,005	32	.....	.....
Memorial	570	270	300	569	93.5	241	127	98	73	31	568	.....	.....	2
Totals	39,929	18,748	21,181	38,394	93.4	11,813	9,513	7,672	6,374	4,557	34,331	331	814	4,453

TABLE 31—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1940-41

COLLEGIATE INSTITUTES	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS			
	May Enrolment	Male	Female	Average Daily Attendance for the Year	Attendance Efficiency Percentage	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	Pupils from other Secondary School Districts	Non-Resident Pupils	County Pupils
In Districts														
Fort William	618	267	351	602	94.7	156	165	118	109	70	556	62	.....	.....
Kirkland Lake	352	154	198	344	94.8	130	86	66	42	28	323	.....	29	.....
North Bay	624	289	335	560	94.8	248	133	115	80	48	543	3	78	.....
Port Arthur	344	139	205	336	93.6	.....	125	77	93	49	323	1	20	.....
Sault Ste. Marie	662	309	353	646	97.1	191	155	135	104	77	608	5	49	.....
Totals	2,600	1,158	1,442	2,488	95.2	725	664	511	428	272	2,353	71	176	.....
All Collegiate Institutes	42,529	19,906	22,623	40,882	93.5	12,538	10,177	8,183	6,802	4,829	36,684	402	990	4,453
HIGH SCHOOLS														
In Counties														
Alexandria	94	31	63	92	93.5	19	25	17	17	16	88	3	3	.....
Alliston	141	43	101	137	91.0	17	34	26	20	17	64	4	6	70
Almonte	115	53	62	122	93.6	30	32	20	15	18	70	1	44	.....
Amherstburg	132	54	78	136	95.7	40	32	20	21	16	76	.....	.....	56
Arnprior	285	118	167	275	87.9	95	78	56	35	21	187	2	.....	96
Arthur	135	54	81	133	93.9	31	32	28	24	20	58	.....	3	74
Athens	151	74	80	140	91.8	41	40	21	23	29	31	.....	6	117
Aurora	196	83	113	188	92.2	72	40	34	28	22	101	.....	.....	95
Avonmore	55	20	35	55	93.4	12	13	13	11	6	48	3	.....	4
Aylmer	202	72	130	209	93.1	64	39	40	36	23	85	.....	4	113
Beamsville	174	69	105	171	93.7	73	23	38	16	24	61	.....	.....	113
Blenheim	198	71	127	200	95.4	65	51	30	32	17	82	.....	1	115
Bowmanville	243	95	148	246	92.8	66	58	53	30	36	162	.....	.....	81
Bradford	114	47	67	109	92.9	35	18	18	24	19	45	.....	10	59
Brampton	302	108	194	329	95.0	82	84	53	42	41	169	.....	.....	133
Brighton	107	39	68	88	92.7	37	20	20	12	18	80	.....	.....	27
Burford	76	31	45	80	94.4	28	20	10	8	10	76	.....	.....	.....
Burlington	264	110	154	243	92.8	100	51	56	35	22	180	1	13	70
Caledonia	183	69	114	181	95.9	70	43	35	25	10	72	.....	48	63
Campbellford	185	84	101	184	93.9	67	47	29	24	18	95	.....	.....	90
Carleton Place	264	103	161	262	94.5	114	68	40	24	18	188	.....	66	10
Cayuga	88	34	54	84	95.2	31	17	16	7	17	31	.....	.....	57

TABLE 31—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1940-41

HIGH SCHOOLS	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS			
	May Enrolment	Male	Female	Average Daily Attendance for the Year	Attendance Efficiency Percentage	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	Pupils from other Secondary School Districts	Non-Resident Pupils	County Pupils
In Counties														
Chesley	122	42	80	122	94.8	39	23	24	18	18	67	2	6	47
Chesterville	117	52	65	124	92.5	38	29	21	13	16	52	.....	.....	65
Colborne	102	48	54	103	90.2	26	19	11	18	28	59	2	.....	41
Deseronto	72	28	44	67	91.2	22	22	15	9	4	36	.....	.....	36
Dundalk	86	41	45	88	94.9	29	24	12	7	14	29	4	.....	53
Dundas	191	79	112	180	91.0	86	47	25	25	8	136	.....	.....	55
Dunnville	193	78	115	199	96.9	78	45	31	24	15	115	.....	73	5
Durham	78	27	51	81	92.1	30	18	15	9	6	47	.....	.....	31
Dutton	110	49	61	103	88.2	38	21	15	14	22	34	3	1	72
Elmira	186	82	104	186	96.0	63	46	26	36	15	110	1	6	69
Elora	79	24	55	75	94.4	23	19	15	13	9	43	.....	.....	36
Embrun	70	47	23	75	95.8	32	14	17	7	.....	42	10	.....	18
Essex	225	88	137	231	94.2	84	52	36	36	17	96	.....	.....	129
Etobicoke	364	171	193	353	93.4	108	91	60	56	49	354	.....	5	5
Exeter	180	77	103	176	91.6	48	44	34	25	29	62	5	6	107
Fergus	169	53	116	178	92.3	46	43	36	18	26	115	12	.....	42
Finch	90	29	61	93	95.6	20	27	7	17	19	21	1	.....	68
Flesherton	73	32	41	70	92.4	16	21	16	13	7	67	2	2	2
Forest	143	50	93	138	94.7	37	39	22	24	21	61	.....	.....	82
Fort Erie	240	96	144	246	95.0	101	56	35	35	13	221	.....	.....	19
Gananoque	188	88	100	188	90.6	57	50	35	29	17	131	.....	.....	57
Georgetown	111	40	71	116	92.3	37	25	16	21	12	60	.....	.....	51
Glencoe	126	44	82	128	96.4	34	23	33	21	15	25	.....	.....	101
Grimsby	137	55	82	133	94.7	40	27	27	14	29	81	.....	.....	56
Hagersville	157	72	85	158	94.9	46	36	37	21	17	72	4	5	76
Hanover	162	73	89	160	93.4	52	38	43	14	15	93	.....	.....	69
Harriston	87	41	46	94	95.4	27	16	17	10	17	60	1	.....	26
Harrow	100	41	59	100	94.5	37	13	28	11	11	98	.....	1	1
Havelock	67	20	47	65	91.0	27	12	11	9	8	46	.....	.....	21
Hawkesbury	62	34	28	56	93.8	19	13	10	9	11	38	.....	7	17
Hawkesbury (Fr.)	109	44	65	107	96.5	34	30	26	19	.....	84	.....	2	23
Iroquois	79	38	41	83	95.2	25	19	13	12	10	28	1	.....	50
Kemptville	123	45	78	125	92.3	37	31	23	22	10	50	1	9	63
Kincardine	141	54	87	141	93.2	40	36	23	27	15	72	.....	.....	69
Kingsville	162	84	78	137	94.0	53	43	28	21	17	103	.....	.....	59

TABLE 31—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1940-41

HIGH SCHOOLS	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS			
	May Enrolment	Male	Female	Average Daily Attendance for the Year	Attendance Efficiency Percentage	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	Pupils from other Secondary School Districts	Non-Resident Pupils	County Pupils
In Counties														
Lakefield	90	33	57	93	91.2	26	22	17	13	12	41	.....	.....	49
Leamington	315	143	172	340	95.3	105	74	61	47	28	176	4	.....	135
Listowel	215	81	134	214	94.4	62	70	34	29	20	94	.....	22	99
Lucan	87	32	55	86	93.3	36	18	14	9	10	26	.....	.....	61
Lucknow	94	40	54	94	94.0	20	21	26	15	12	32	.....	.....	62
Madoc	127	51	76	119	94.8	36	29	28	17	17	55	.....	3	69
Markdale	85	32	53	79	92.5	28	21	13	13	10	24	.....	1	60
Markham	154	61	93	151	92.6	52	47	24	17	14	37	26	1	90
Marmora	75	23	52	81	93.8	23	21	11	10	10	34	1	.....	40
Maxville	126	49	77	121	91.7	41	28	24	22	11	31	.....	.....	95
Meaford	184	72	112	187	93.0	51	43	36	18	36	98	.....	2	84
Merritton	161	73	88	171	91.5	48	41	33	26	13	.....	110	51	.....
Midland	294	110	184	260	93.6	111	64	49	37	33	235	16	1	42
Milton	158	60	98	154	95.8	44	41	26	35	12	61	.....	.....	97
Mimico	695	310	385	712	94.4	270	183	116	84	42	331	1	.....	363
Mitchell	192	70	122	185	95.4	65	46	36	27	18	69	.....	.....	123
Morewood	55	32	23	46	93.5	19	9	12	6	9	20	.....	29	6
Mount Forest	117	47	70	115	95.3	39	28	20	14	16	74	.....	25	18
Nepean	439	170	269	437	94.7	131	117	83	61	47	399	.....	1	39
Newburgh	62	29	33	60	88.8	16	16	12	8	10	6	.....	.....	56
Newcastle	23	9	14	24	96.6	8	6	6	3	.....	13	.....	.....	10
Newmarket	261	107	154	273	90.4	93	61	48	33	26	143	5	18	95
Niagara	72	29	43	75	91.8	29	16	8	12	7	37	.....	.....	35
Norwich	96	33	63	96	94.3	31	20	13	22	10	48	10	.....	38
Norwood	91	34	57	84	92.5	18	21	22	20	10	34	.....	9	48
Oakville	246	90	156	262	94.3	86	73	41	25	21	150	.....	.....	96
Omemee	51	27	24	47	90.6	18	14	12	7	.....	30	.....	4	17
Orangeville	166	65	101	157	92.0	44	32	58	15	17	87	.....	.....	79
Paris	220	93	127	224	93.9	105	46	26	19	24	157	53	2	8
Parkhill	109	41	68	104	94.7	27	21	24	17	20	45	.....	3	61
Penetanguishene	132	46	86	137	94.3	62	29	20	21	.....	122	.....	.....	10
Petrolia	199	73	126	212	95.7	53	51	37	27	31	108	2	1	88
Plantagenet	103	34	69	106	95.9	27	21	17	21	17	72	.....	.....	31
Port Colborne	367	154	213	387	93.2	129	107	56	50	25	254	.....	.....	113
Port Credit	409	166	243	389	91.7	135	106	79	60	29	91	2	1	315
Port Dover	73	35	38	73	90.9	30	17	10	16	.....	43	.....	.....	30
Port Elgin	94	35	59	92	95.9	28	22	17	18	9	54	.....	.....	40
Port Hope	216	89	127	223	94.7	67	67	43	17	22	136	.....	.....	80

TABLE 31—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREA, 1940-41

HIGH SCHOOLS	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS			
	May Enrolment	Male	Female	Average Daily Attendance for the Year	Attendance Efficiency Percentage	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	Pupils from other Secondary School Districts	Non-Resident Pupils	County Pupils
In Counties														
Port Perry	115	38	77	122	95.8	49	25	20	10	11	53	.....	3	59
Port Rowan	33	11	22	31	90.8	16	6	6	5	.....	13	.....	.....	20
Prescott	145	57	88	142	92.1	50	34	26	19	16	109	3	1	32
Preston	221	91	130	211	94.3	55	37	61	45	23	171	50	.....	.....
Richmond Hill	175	64	111	151	91.4	53	30	45	25	22	54	1	.....	120
Ridgetown	113	66	77	135	94.0	38	33	22	22	28	53	.....	.....	90
Ridgeway	121	42	79	120	94.3	41	29	22	18	8	94	.....	.....	27
Rockland	61	22	39	56	91.4	20	20	6	15	.....	47	1	.....	13
Saltfleet	231	105	126	243	93.5	82	49	59	22	19	193	37	.....	1
Shelburne	109	36	73	110	93.5	20	33	19	18	19	42	.....	.....	67
Simcoe	341	124	220	318	92.3	68	99	56	73	48	180	.....	.....	161
Smithville	78	36	42	80	95.7	25	18	15	9	11	42	.....	.....	36
Stirling	122	56	66	124	95.9	39	33	19	16	15	45	1	.....	76
Streetsville	50	13	37	51	94.7	18	15	9	4	4	28	.....	.....	22
Sydenham	125	49	76	124	95.6	36	25	26	21	17	122	.....	3	.....
Thornbury	87	31	56	86	93.3	28	20	19	11	9	28	.....	.....	59
Thorold	250	110	140	269	91.2	90	86	31	27	16	208	.....	.....	42
Tilbury	114	48	66	112	91.7	36	31	16	18	13	60	.....	.....	54
Tillsonburg	288	126	162	310	95.5	98	79	49	37	25	133	5	98	52
Trenton	232	84	148	238	94.8	61	52	45	44	30	185	1	1	45
Tweed	129	62	67	118	92.0	37	36	23	20	13	47	.....	.....	82
Uxbridge	127	51	76	121	93.6	42	34	24	17	10	62	3	2	60
Vienna	15	6	9	16	93.1	3	8	.....	4	.....	2	.....	12	1
Walkerton	154	72	82	155	94.9	38	38	36	30	12	90	.....	.....	64
Wallaceburg	213	75	138	232	93.5	71	46	43	35	18	145	.....	.....	68
Wardsville	31	7	24	32	85.3	10	8	8	5	.....	9	.....	.....	22
Waterdown	124	66	58	133	94.3	42	24	24	21	13	104	.....	7	13
Waterford	131	58	73	137	92.4	41	31	29	19	11	35	1	.....	95
Watford	111	47	64	114	95.4	31	24	23	14	19	35	.....	.....	76
Welland	419	163	256	428	93.8	192	80	67	49	31	254	.....	.....	165
Whitby	210	90	120	205	92.5	62	52	34	31	31	153	3	1	53
Wiarton	113	45	68	109	94.7	30	32	25	13	13	71	2	14	26
Williamstown	99	44	55	84	93.8	25	26	21	18	9	98	.....	1	.....
Winchester	101	38	63	104	93.1	35	15	20	16	15	34	2	.....	65
Wingham	145	52	93	150	93.3	45	38	26	20	15	61	.....	6	78
Totals	20,230	8,191	12,039	20,181	93.6	6,592	4,895	3,702	2,871	2,170	11,494	344	599	7,793

TABLE 31—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1940-41

HIGH SCHOOLS	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS			
	May Enrolment	Male	Female	Average Daily Attendance for the Year	Attendance Efficiency Percentage	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	Pupils from other Secondary School Districts	Non-Resident Pupils	County Pupils
In Districts														
Bracebridge	164	70	94	170	92.3	18	31	35	29	21	88	.....	4	72
Capreol	89	32	57	91	93.1	33	22	14	7	13	75	.....	14	.....
Chapleau	124	51	73	133	93.8	39	31	23	18	13	124	.....	.....	3
Cobalt	147	59	88	154	94.2	49	41	25	14	15	112	.....	.....	35
Cochrane	159	65	94	164	95.3	58	38	26	25	12	137	.....	22	.....
Copper Cliff	174	88	86	160	89.6	72	31	33	16	19	147	.....	.....	27
Dryden	94	29	65	110	95.6	31	21	22	17	3	63	.....	.....	31
Englehart	91	49	42	88	93.7	15	20	15	8	3	77	.....	14	.....
Fort Frances	301	125	176	302	93.9	112	58	59	49	23	244	4	.....	56
Geraldton	39	19	20	40	96.2	17	5	15	2	.....	29	.....	10	.....
Gore Bay	59	29	30	61	96.1	17	11	12	8	11	46	.....	.....	13
Gravenhurst	104	49	55	108	93.6	43	16	22	11	9	71	.....	33	.....
Haileybury	85	36	49	81	91.3	28	21	12	15	9	73	.....	12	.....
Huntsville	151	62	89	151	93.8	45	42	37	18	9	104	.....	.....	47
Iroquois Falls	137	56	81	138	95.6	43	10	25	20	9	53	.....	.....	84
Kapuskasing	194	81	110	194	97.7	77	54	23	25	12	172	.....	19	.....
Keewatin	66	34	32	67	93.2	27	20	13	6	.....	64	.....	2	.....
Kenora	383	169	214	380	95.1	128	89	77	57	32	350	.....	31	2
Mattawa	49	13	36	48	93.7	17	13	6	9	4	40	.....	.....	9
New Liskeard	183	60	123	177	91.0	41	50	50	28	11	130	.....	.....	53
Parry Sound	180	68	112	174	88.0	50	18	34	27	21	149	.....	31	.....
Rainy River	101	40	61	103	93.2	31	18	20	21	8	61	.....	40	.....
Schumacher	170	75	95	175	95.8	62	35	32	25	16	157	1	12	.....
South Porcupine	184	78	106	175	91.4	73	40	39	14	18	145	.....	39	.....
Sturgeon Falls	228	92	136	227	95.7	61	70	46	33	18	166	.....	19	43
Sudbury	310	141	169	305	92.6	.....	95	99	69	47	253	12	45	.....
Thessalon	82	35	47	91	91.5	33	12	14	10	13	58	.....	.....	24
Timmins	587	247	340	580	91.5	222	151	105	59	47	563	.....	24	.....
Totals	4,632	1,952	2,680	4,644	93.9	1,505	1,132	933	643	419	3,745	17	371	499
Totals—All High Schools	24,862	10,143	14,719	24,825	93.6	8,097	6,027	4,635	3,514	2,589	15,239	360	970	8,292
Grand Totals	67,391	30,019	37,342	65,707	93.5	20,635	16,204	12,818	10,316	7,418	51,923	763	1,960	12,745
Increase for year	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Decrease for year	5,711	1,145	1,566	5,237	1.1	1,730	918	2,031	612	387	5,107	.....	.....	1,726
Percentages	.....	44.6	55.4	97.5	.....	30.6	24.0	19.0	15.3	11.1	77.0	1.1	2.9	19.0

TABLE 32—AGE-GRADE DISTRIBUTION, MAY, 1941

		11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years	20 years	21 years and over	Totals	Grade Totals
GRADE IX	Boys	13	213	1,948	3,712	2,433	857	215	26	6	.....	.....	9,423	20,635
	Girls	11	276	2,762	4,500	2,614	879	154	14	2	.....	.....	11,212	
GRADE X	Boys	.....	14	180	1,641	2,960	1,749	559	96	19	5	1	7,224	16,204
	Girls	.....	11	282	2,321	3,615	2,046	595	89	18	3	.....	8,980	
GRADE XI	Boys	.....	.....	13	191	1,409	2,280	1,188	391	80	19	5	5,576	12,818
	Girls	.....	1	14	304	2,059	2,913	1,356	449	109	24	13	7,242	
GRADE XII	Boys	.....	.....	.....	8	166	1,089	1,685	1,022	338	91	17	4,416	10,316
	Girls	.....	.....	.....	17	271	1,630	2,300	1,195	361	96	30	5,900	
GRADE XIII	Boys	.....	.....	.....	.....	8	140	856	1,313	800	199	94	3,410	7,418
	Girls	.....	.....	.....	.....	12	228	1,281	1,528	701	190	68	4,008	
TOTALS BY SEXES	Boys	13	228	2,141	5,552	6,976	6,115	4,503	2,848	1,243	314	117	30,049	
	Girls	11	288	3,058	7,142	8,571	7,696	5,686	3,275	1,191	313	111	37,342	
GRAND TOTALS		24	516	5,199	12,694	15,547	13,811	10,189	6,123	2,434	627	228	67,391	

TABLE 33—FINANCIAL STATISTICS OF DAY SCHOOLS, 1940
(as reported by School Boards)

Collegiate Institutes	Average Daily Attendance A	Major Sources of Receipts			Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness	
		Legislative Grant	For County Pupils	School District Levy (n)	Current	Capital	Current	Capital	Total	Total (including Arrears)	Per $1,000 of assessment
In Counties		$	$	$	$	$				$	$
Barrie	539	7,157	12,126	29,926	41,798	13,921	40.0	13.3	53.3	73,872c	15.32
Belleville	497	3,691	17,110	48,096	48,219	19,988	49.2	20.4	69.6	238,091	22.67
Brantford	853	2,206	13,432	65,118	64,284	5,407	39.3	3.3	42.6	59,115	2.18
Brockville	431	5,780	9,103	61,179	50,624	26,079	63.5	32.7	96.2	185,363c	35.40
Chatham	480	11,002	12,474	66,597	53,833	29,308	54.9	29.9	84.8	220,692	15.22
Clinton	176	4,417	7,106	8,231	15,188	5,833	46.2	17.7	63.9	86,000	107.16
Cobourg	293	5,446	7,962	25,821	35,859	5,051	62.1	8.7	70.8	59,184	21.83
Collingwood	279	4,813	5,547	32,253	25,302	8,587	45.8	15.6	61.4	94,280	35.48
Cornwall	593	2,297	15,064	34,183	41,693	7,775	35.9	6.7	42.6	95,957	9.22
Galt	351	1,900	10,219	32,480	40,708	4,764	60.4	7.1	67.5	20,094	1.74
Goderich	247	4,832	7,690	17,295	25,119	5,538	50.4	11.1	61.5	50,318	15.47
Guelph	588	2,887	14,259	56,410	51,763	21,391	46.1	19.0	65.1	234,984	16.73
Hamilton (3)	2,314	6,728	.....	310,103	266,953	94,811	61.1	21.7	82.8	526,244	3.18
Ingersoll	234	4,006	3,912	20,183	25,913	.....	56.3	.....	56.3	.....	.....
Kingston	561	6,951	14,307	62,014	75,434	5,223	68.2	4.7	72.9	70,000	3.55
Kitchener-Waterloo	576	2,212	3,040	54,202	54,374	10,561	47.9	9.3	57.2	172,406	4.94
Lindsay	496	6,187	9,498	25,391	37,836	2,230	40.4	2.4	42.8	38,545	9.02
London (3)	2,153	17,170	42,141	300,438	263,467	83,109	65.4	20.6	86.0	324,951	3.91
Morrisburg	157	3,924	6,779	7,175	13,860	4,554	46.4	15.2	61.6	44,563	61.97
Napanee	194	4,429	9,195	11,453	23,890	3,849	62.4	10.0	72.4	39,293c	26.19
Niagara Falls	400	2,204	180	63,678	50,500	8,988	64.0	11.4	75.4	85,141	4.66
Orillia	454	4,864	3,630	29,170	34,977	5,486	38.9	6.1	45.0	44,892	9.08
Oshawa	618	2,674	11,854	77,976	61,207	29,646	49.2	23.8	73.0	155,600	5.84
Ottawa (2)	2,494	8,595	13,482	325,222	288,207	63,473	63.5	14.0	77.5	474,787	3.06
Owen Sound	410	2,269	6,730	28,724	35,862	.....	45.0	.....	45.0	.....	.....
Pembroke	193	1,607	3,080	27,474	20,199	7,888	53.0	20.7	73.7	104,784	23.11
Perth	278	5,842	7,540	9,867	25,989	2,148	49.8	4.1	53.9	11,345	6.33
Peterborough	557	2,426	15,695	50,591	68,622	81	65.1	.1	65.2	1,200	.05
Picton	171	3,055	7,975	7,442	18,268	.....	56.3	.....	56.3	.....	.....
Renfrew	236	2,369	12,607	17,984	22,773	5,739	48.3	12.1	60.4	88,245	27.10
St. Catharines	677	3,194	11,758	76,324	71,733	18,467	55.1	14.2	69.3	142,637	6.47
St. Mary's	263	4,823	8,850	17,221	25,202	4,821	50.0	9.6	59.6	37,143	15.37
St. Thomas	594	3,230	13,569	51,029	62,878	3,729	56.7	3.4	60.1	5,247	.37
Sarnia	634	3,420	18,121	51,763	71,878	6,120	59.8	5.1	64.9	7,352	.41
Scarborough	349	6,400	20,252	10,396	34,086	Refunded	50.6	.....	.....	986,967	128.86
Seaforth	131	4,352	6,531	5,685	17,144	2,110	66.5	8.2	74.7	28,939	26.07
Smith's Falls	403	6,665	10,097	29,326	42,156	4,326	54.2	5.6	59.8	1,829	.40
Stamford	358	2,941	7,993	29,253	37,180	9,403	52.8	13.3	66.1	51,317	6.65

TABLE 33—FINANCIAL STATISTICS OF DAY SCHOOLS, 1940

Collegiate Institutes	Average Daily Attendance A	Major Sources of Receipts			Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness	
		Legislative Grant	For County Pupils	School District Levy(B)	Current	Capital	Current	Capital	Total	Total (including Arrears)	Per $1,000 of assessment
In Counties		$	$	$	$	$				$	$
Stratford	721	6,920	5,457	62,307	63,805	11,116	46.3	8.0	54.3	51,360	3.76
Strathroy	178	2,989	7,252	14,532	19,370	7,032	56.6	20.5	77.1	23,356	13.84
Toronto (10)	10,120	33,283	.....	1,494,784	1,215,161	340,776	61.0	17.1	78.1	3,383,182	3.54
Vankleek Hill	161	3,401	7,335	3,000	16,095	.....	53.4	.....	53.4	.....	.....
Weston	398	6,770	13,375	27,891	38,263	5,306	49.8	6.9	56.7	42,579	13.23
Windsor (4)	3,395	19,124	15,668	451,753	349,139	137,751	57.1	22.5	79.6	1,791,277	18.42
Woodstock	495	11,888	12,843	45,362	48,657	13,795	53.1	15.0	68.1	169,765	22.45
York Township (3)	2,585	34,113	22,493	219,836	215,822	66,155	42.3	13.0	55.3	775,613	26.02
York East	936	8,372	1,319	88,467	75,630	22,596	44.5	13.3	57.8	133,160	9.15
York North	306	4,714	9,703	43,154	31,801	14,209	52.7	23.6	76.3	149,251	32.49
Totals and Averages	40,557	310,539	496,353	4,658,759	4,318,721	1,149,140	55.5	14.8	70.3	11,380,920	6.07
In Districts			E								
Fort William	649	3,282	8,048	100,454	108,841	35,049	84.7	27.3	112.0	503,807	17.70
Kirkland Lake	372	3,224	1,698	54,190	38,514	11,821	54.2	16.6	70.8	83,726	11.21
North Bay	569	4,161	3,941	39,413	39,674	8,375	35.9	7.6	43.5	69,850	7.41
Port Arthur	342	3,256	1,380	46,237	49,813	2,562	74.0	3.8	77.8	5,416	.20
Sault Ste. Marie	698	3,176	9,356G	82,589	63,712	23,867	47.2	17.7	64.9	270,300c	13.77
Totals and Averages	2,630	17,099	24,423E	322,883	300,554	81,674	58.7	15.9	74.6	933,099	10.17
All Collegiate Institutes	43,187	352,061J	496,353	4,981,642	4,619,275	1,230,814	55.7	14.9	70.6	12,314,019	6.26
High Schools											
In Counties											
Alexandria	105	1,374	246	15,098	12,672	.....	63.7	.....	63.7	.....	.....
Alliston	122	2,480	3,530	4,280	9,371	1,480	32.7	5.2	37.9	7,000	8.48
Almonte	128	2,325	5,033	10,838	13,091	5,583	52.8	22.5	75.3	62,495	52.60
Amhersthurg	139	2,992	7,967	12,759	15,562	8,033	58.1	30.0	88.1	12,516	6.50
Arnprior	283	6,279	6,116	14,069	23,456	3,069	41.8	5.5	47.3	38,462	20.12
Arthur	147	3,012	4,143	2,602	10,080	265	36.2	1.0	37.2	Paid Off	.....
Athens	140	4,306	8,616	4,774	15,853	3,274	57.5	11.9	69.4	28,023	87.78
Aurora	199	5,774	11,411	10,904	21,659	7,203	56.8	18.9	75.7	69,941	51.99
Avonmore	63	1,043	838	8,000	7,422	.....	62.3	.....	62.3	.....	.....
Aylmer	305	9,228	15,783	10,448	18,547	6,848	32.4	12.0	44.4	77,595	48.95
Beamsville	131	3,497	11,421	15,163	15,760	6,419	60.4	24.6	85.0	22,401	31.60
Blenheim	198	5,147	11,200	3,000	17,920	5,618	46.0	14.4	60.4	33,565	42.06
Bowmanville	265	4,143	7,176	21,042	25,310	7,447	50.2	14.8	65.0	80,906	33.60

TABLE 33—FINANCIAL STATISTICS OF DAY SCHOOLS, 1940

High Schools	Average Daily Attendance A	Major Sources of Receipts			Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness	
		Legislative Grant	For County Pupils	School District Levy (B)	Current	Capital	Current	Capital	Total	Total (including Arrears)	Per $1,000 of assessment
In Counties		$	$	$	$	$				$	$
Bradford	103	2,166	6,353	6,653	11,087	3,784	56.4	19.3	75.7	34,502	64.36
Brampton	330	3,167	14,579	17,892	31,612	7,392	60.4	14.1	74.5	58,291	16.70
Brighton	94	1,589	3,219	5,307	8,962	1,308	48.8	7.1	55.9	5,508	7.74
Burford	88	1,959	.....	14,711	10,224	5,272	61.2	31.5	92.7	33,100	8.65
Burlington	255	4,765	13,043	24,670	31,105	11,170	61.3	22.0	83.3	111,489	40.30
Caledonia	182	5,127	12,107	11,221	18,329	7,221	50.9	20.0	70.9	21,665	68.78
Campbellford	185	1,076	9,213	16,581	21,718	8,462	65.3	25.4	90.7	69,003	47.04
Carleton Place	250	5,608	7,376	18,256	23,157	8,257	46.8	16.7	63.5	72,496	49.59
Cayuga	84	3,680	9,058	10,050	10,971	6,103	66.6	37.1	103.7	12,205	81.37
Chesley	117	10,703	4,662	8,741	13,995	4,440	60.7	19.3	80.0	62,142	82.32
Chesterville	145	4,525	4,912	.....	9,470	922	39.1	3.8	42.9	10,695	22.15
Colborne	101	2,590	3,735	3,162	7,797	1,725	40.5	9.0	49.5	6,393	11.74
Deseronto	79	1,960	2,363	4,700	7,638	.....	49.1	.....	49.1	.....	.....
Dundalk	87	2,092	3,149	2,200	7,397	.....	43.0	.....	43.0	.....	.....
Dundas	192	3,188	.....	19,030	19,137	9,084	52.2	24.8	77.0	65,703	19.90
Dunnville	211	12,447	9,109	15,755	24,506	4,880	60.7	12.1	72.8	40,718	37.02
Durham	91	4,990	4,170	5,506	11,786	2,006	65.7	11.1	76.8	11,608	23.81
Dutton	109	2,201	13,301	4,641	11,232	3,708	55.9	18.4	74.3	43,261	84.38
Elmira	128	11,588	7,492	12,500	17,490	4,549	47.1	12.2	59.3	79,700	48.86
Elora	87	1,037	2,927	5,606	8,365	1,121	49.5	6.6	56.1	12,564	17.27
Embrun	96	792	753	3,254	4,925	.....	36.9	.....	36.9	.....	.....
Essex	238	3,888	6,326	7,550	15,961	D	34.8	D	.....	84,734	64.50
Exeter	183	3,807	8,355	7,500	16,974	2,591	48.6	7.4	56.0	23,225	25.86
Etobicoke	336	4,317	1,374	43,208	38,166	9,259	58.3	14.1	72.4	96,850	18.02
Fergus	203	4,113	6,044	15,842	20,746	6,842	51.7	17.0	68.7	74,950	41.94
Finch	99	2,252	5,314	.....	9,158	.....	47.7	.....	47.7	.....	.....
Flesherton	79	1,095	387	6,471	8,201	.....	54.0	.....	54.0	.....	.....
Forest	143	3,128	6,739	8,210	13,011	3,210	47.3	11.7	59.0	20,745	36.36
Fort Erie	233	2,920	1,547	31,462	29,194	7,632	65.3	17.0	82.3	121,100	29.52
Gananoque	191	2,508	3,854	12,215	18,571	.....	51.5	.....	51.5	.....	.....
Georgetown	122	2,190	5,493	9,261	15,433	1,261	65.0	5.3	70.3	2,932	1.82
Glencoe	129	2,526	5,540	3,194	10,206	.....	42.4	.....	42.4	.....	.....
Grimsby	143	2,182	6,174	13,519	14,427	7,483	53.5	27.8	81.3	71,175	51.74
Hagersville	160	8,579	6,166	7,431	16,404	4,131	53.5	13.5	67.0	32,153	103.71
Hanover	174	3,283	7,083	13,574	17,333	5,664	50.9	16.6	67.5	44,544	30.16
Harriston	96	1,420	2,648	4,135	8,381	.....	46.2	.....	46.2	.....	.....
Harrow	107	718	238	7,805	7,347	1,605	35.1	7.7	42.8	11,407	2.50
Havelock	129	1,934	423	3,835	6,194	204	43.8	1.4	45.2	3,819	12.47
Hawkesbury (2)	201	4,853	3,412	20,036	26,545	.....	71.3	.....	71.3	.....	.....

TABLE 33—FINANCIAL STATISTICS OF DAY SCHOOLS, 1940

High Schools	Average Daily Attendance A	Major Sources of Receipts			Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness	
		Legislative Grant	For County Pupils	School District Levy (B)	Current	Capital	Current	Capital	Total	Total (including Arrears)	Per $1,000 of assessment
In Counties		$	$	$	$	$				$	$
Iroquois	90	3,180	5,693	4,000	12,660	.....	76.9	.....	76.9	.....	.....
Kemptville	104	4,165	7,177	3,855	12,136	1,653	60.1	8.1	68.1	17,662	54.34
Kincardine	136	2,929	4,945	6,867	13,827	.....	47.4	.....	47.4	.....	.....
Kingsville	139	4,131	5,901	5,812	14,468	4,650	52.8	16.9	69.7	20,452	12.00
Lakefield	96	2,202	3,080	5,200	10,453	.....	58.4	.....	58.4	.....	.....
Leamington	354	3,978	11,376	18,790	29,172	3,149	42.8	4.6	47.4	35,376	9.42
Listowel	214	3,104	8,257	7,026	17,687	1,376	41.9	3.3	45.2	9,633	6.18
Lucan	83	2,177	4,149	2,800	8,546	.....	53.9	.....	53.9	.....	.....
Lucknow	93	1,936	3,357	.....	7,290	.....	40.3	.....	40.3	.....	.....
Madoc	139	3,729	4,615	5,782	11,516	2,820	46.1	11.3	57.4	20,208	51.44
Markdale	95	2,062	3,233	3,400	8,561	.....	53.1	.....	53.1	.....	.....
Markham	164	4,978	8,527	3,078	15,469	578	47.8	1.8	49.6	1,078	2.50
Marmora	90	2,851	2,592	2,564	7,579	590	43.3	3.4	46.7	Paid off	.....
Maxville	122	2,779	1,793	2,724	9,171	1,724	39.7	7.5	47.2	3,829	11.59
Meaford	138	4,028	6,797	12,215	16,767	4,715	44.8	12.6	57.4	27,395	19.27
Merritton	185	4,201	.....	15,177	17,210	6,072	46.9	16.5	63.4	62,621	34.01
Midland	390	5,989	6,155	27,516	29,760	6,951	45.4	10.6	56.0	71,630	14.27
Milton	162	2,175	10,630	20,387	15,180	7,087	48.1	22.5	70.6	49,971	33.61
Mimico	768	12,305	29,567	37,335	60,404	18,727	41.0	12.7	53.7	191,361	51.54
Mitchell	142	3,069	8,750	5,000	15,324	.....	45.8	.....	45.8	.....	.....
Morewood	49	1,717	3,463	826	5,500	.....	59.1	.....	59.1	.....	.....
Mount Forest	121	1,625	2,916	7,025	10,069	.....	43.6	.....	43.6	.....	.....
Nepean	450	5,405	2,761	44,353	36,177	15,053	42.7	17.8	60.5	130,400	22.54
Newburgh	69	2,088	4,111	1,200	8,078	.....	64.9	.....	64.9	.....	.....
Newcastle	26	683	1,612	2,008	4,608	.....	91.4	.....	91.4	.....	.....
Newmarket	282	4,738	12,539	17,975	28,241	7,975	50.9	14.4	65.3	33,500	18.18
Niagara	77	1,395	3,138	7,163	9,910	856	65.5	5.7	71.2	4,119	5.35
Norwich	104	3,123	4,980	6,074	11,625	2,833	56.3	13.7	70.0	18,362	30.31
Norwood	104	2,385	4,651	3,367	11,236	.....	54.1	.....	54.1	.....	.....
Oakville	261	3,824	10,399	15,004	22,983	3,578	44.6	6.9	51.5	34,310	9.84
Omemee	46	755	1,310	1,943	3,787	.....	42.1	.....	42.1	.....	.....
Orangeville	163	3,058	4,180	8,542	16,834	460	53.3	1.5	54.8	Paid off	.....
Paris	216	2,596	6,430	17,372	19,826	5,573	47.7	13.4	61.1	48,056	15.63
Parkhill	106	1,454	3,365	3,550	7,842	.....	37.7	.....	37.7	.....	.....
Penetanguishene	154	2,289	1,164	7,770	10,398	.....	35.2	.....	35.2	.....	.....
Petrolia	222	4,855	8,348	13,918	21,220	9,645	50.0	22.7	72.7	56,679	55.90
Plantagenet	127	1,157	3,412	6,914	8,955	2,006	46.0	10.3	56.3	21,967	14.06
Port Colborne	405	7,670	20,276	35,975	41,268	18,269	54.2	23.9	78.1	126,558	29.38
Port Credit	411	6,655	22,606	9,798	29,146	13,073	37.1	16.7	53.8	156,227	140.21

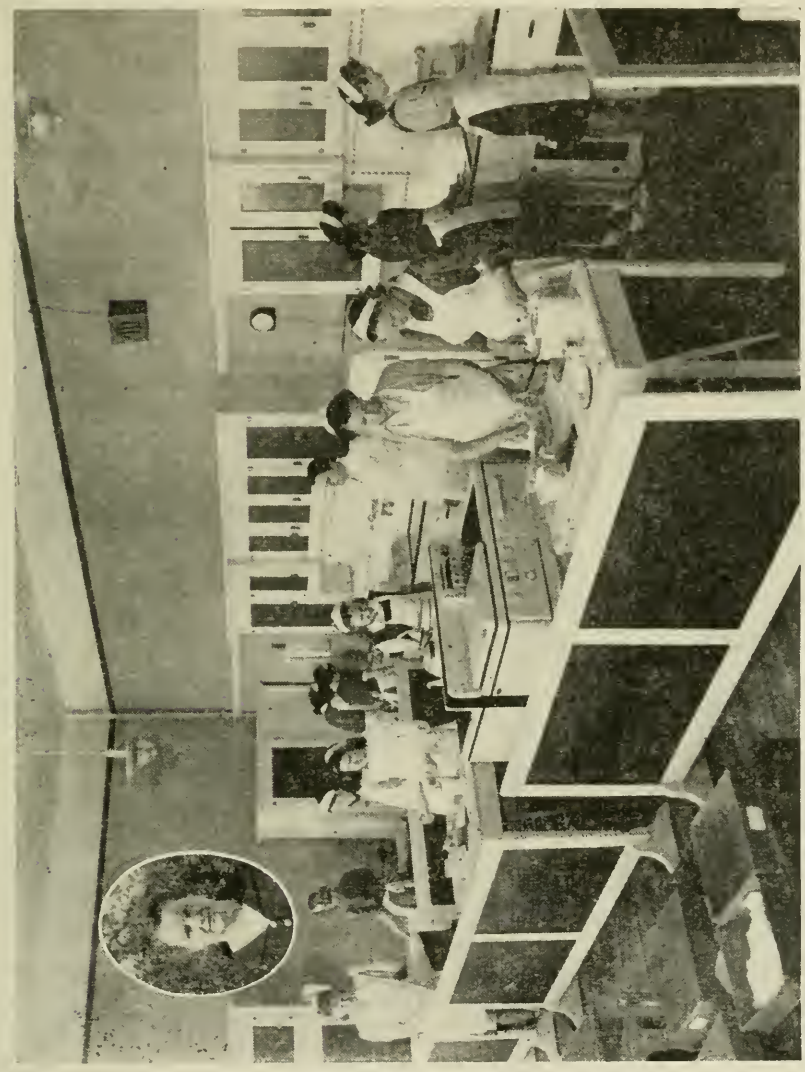
TABLE 33—FINANCIAL STATISTICS OF DAY SCHOOLS, 1940

High Schools	Average Daily Attendance A	Major Sources of Receipts			Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness	
		Legislative Grant	For County Pupils	School District Levy (B)	Current	Capital	Current	Capital	Total	Total (including Arrears)	Per $1,000 of assessment
In Counties		$	$	$	$	$				$	$
Port Dover	82	1,268	1,150	3,572	5,913	572	37.4	3.6	41.0	753	.64
Port Elgin	90	8,033	4,048	7,166	10,661	3,166	60.0	17.8	77.8	43,405	95.16
Port Hope	245	3,306	8,246	19,896	24,351	4,172	51.8	8.9	60.7	21,178	8.30
Port Perry	114	4,238	6,361	6,528	13,585	3,008	62.6	13.9	76.5	28,200	43.97
Port Rowan	35	649	2,033	1,248	3,910	.....	58.3	.....	58.3	.....	.....
Prescott	114	2,672	4,287	15,022	15,208	6,783	53.5	23.8	76.3	100,000	63.63
Preston	240	2,139	1,758	15,101	19,564	6,173	41.9	13.9	55.8	31,526	6.17
Richmond Hill	178	3,731	13,046	8,123	17,289	7,031	49.6	20.2	69.8	70,195	10.10
Ridgetown	146	3,043	5,699	3,010	15,056	.....	53.9	.....	53.9	.....	.....
Ridgeway	119	2,463	1,483	15,874	15,557	7,531	66.6	32.2	98.8	81,310	47.73
Rockland	91	2,714	909	3,770	7,715	.....	54.7	.....	54.7	.....	.....
Saltfleet	231	1,534	13	20,211	18,156	7,464	40.0	16.4	56.4	48,523	8.74
Shelburne	116	2,623	5,216	4,701	9,524	2,732	45.7	13.1	58.8	43,714	76.70
Simcoe	339	2,125	10,683	17,983	27,199	7,662	42.0	11.8	53.8	60,985	11.07
Smithville	86	1,476	3,529	6,725	9,078	1,925	56.7	12.0	68.7	7,698	8.68
Stirling	123	3,694	7,282	2,965	11,627	2,465	48.1	10.2	58.3	17,753	46.85
Streetsville	56	1,616	2,459	3,032	7,252	.....	66.5	.....	66.5	.....	.....
Sydenham	123	1,345	11,325	.....	11,100	.....	45.9	.....	45.9	.....	.....
Thornbury	92	1,783	3,978	3,100	8,791	.....	49.4	.....	49.4	.....	.....
Thorold	296	6,636	10,221	17,897	25,918	6,933	44.3	11.8	56.1	61,914	29.62
Tilbury	111	1,968	2,281	4,750	8,616	.....	40.1	.....	40.1	.....	.....
Tillsonburg	309	3,455	8,821	11,950	21,172	2,450	35.2	4.1	39.3	19,754	10.95
Trenton	263	2,705	6,367	21,094	22,233	4,231	44.3	8.4	52.7	22,345	6.30
Tweed	120	3,684	4,541	3,955	11,780	.....	55.5	.....	55.5	.....	.....
Uxbridge	130	3,728	7,526	6,000	11,935	6,330	48.1	25.5	73.6	84,630	130.27
Vienna	25	934	1,166	1,278	3,502	.....	72.2	.....	72.2	.....	.....
Walkerton	148	3,041	4,893	7,200	15,379	.....	52.8	.....	52.8	.....	.....
Wallaceburg	212	3,062	6,135	12,251	20,077	1,301	48.1	3.1	51.2	1,239	.68
Wardsville	90	796	1,462	1,391	3,206	.....	47.9	.....	47.9	.....	.....
Waterdown	145	1,682	796	15,819	15,490	4,293	55.6	15.4	71.0	46,049	14.34
Waterford	144	2,945	8,172	3,000	10,953	3,918	38.4	13.8	52.2	39,980	52.50
Watford	123	3,701	5,505	4,700	10,719	3,210	44.7	13.4	58.1	22,568	56.00
Welland	409	2,163	12,831	37,183	48,164	7,329	59.8	9.1	68.9	14,657	1.16
Whitby	214	4,555	5,218	15,535	21,198	4,135	53.1	10.2	63.3	39,035	15.17
Wiarton	117	3,813	3,084	6,116	11,350	1,616	53.4	7.6	61.0	12,901	21.34
Williamstown	98	1,289	97	16,323	8,810	.....	47.6	.....	47.6	.....	.....
Winchester	107	11,766	5,481	3,000	12,253	1,230	57.8	5.8	63.6	12,613	22.86
Wingham	152	2,762	5,768	7,940	14,102	310	48.4	1.1	49.5	303	.22
Totals and Averages	21,168	443,170	756,943	1,314,381	1,999,821	414,238	49.1	10.9	60.0	3,862,133	19.92

TABLE 33—FINANCIAL STATISTICS OF DAY SCHOOLS, 1940

High Schools	Average Daily Attendance [A]	Major Sources of Receipts: Legislative Grants: Ordinary	Major Sources of Receipts: Legislative Grants: For Non-Resident Pupils	Major Sources of Receipts: School District Levy [B]	Disbursements: Current	Disbursements: Capital	Cost per Pupil-Day (in cents): Current	Cost per Pupil-Day (in cents): Capital	Cost per Pupil-Day (in cents): Total	Debenture Indebtedness: Total (including Arrears)	Debenture Indebtedness: Per $1,000 of assessment
In Districts		$	$	$	$	$				$	$
Bracebridge	190	3,491	4,069	11,160	13,004	6,109	35.2	16.5	51.7	61,524	56.61
Capreol	104	1,728	873	7,421	8,289	2,086	41.5	10.4	51.9	12,518	15.82
Chapleau	144	3,453	.....	13,140	14,455	3,440	51.1	12.2	63.3	34,532	34.77
Cobalt	162	6,150	2,594	11,000	17,480	D	67.8	D	.....	40,275	70.18
Cochrane	164	3,797	1,197	12,885	17,003	4,012	52.6	12.4	65.0	23,215	12.77
Copper Cliff	169	2,547	3,912	22,909	26,195	12,803	83.0	40.6	123.6	185,009	32.56
Dryden	118	1,949	.....	7,500	8,994	.....	38.3	.....	38.3	.....	.....
Englehart	84	2,819	.....	6,627	8,820	.....	54.5	.....	54.5	.....	.....
Fort Frances	279	617	5,896	38,433	27,267	15,891	49.7	29.0	78.7	73,368	17.51
Geraldton (H)	42	.....	.....	5,000	4,214	.....	130.5	.....	130.5	6,000	4.96
Gore Bay	62	1,497	.....	4,930	4,131	1,816	38.7	15.9	51.6	15,823	62.00
Gravenhurst	110	2,119	1,362	6,500	9,903	.....	45.8	.....	45.8	.....	.....
Haileybury	86	2,625	1,218	7,792	13,297	.....	78.7	.....	78.7	.....	.....
Huntsville	163	2,154	2,840	11,470	10,671	2,971	35.6	9.9	45.5	7,303	5.71
Iroquois Falls	146	2,093	9,413	14,947	20,404	5,620K	72.7	20.0	92.7	Rented	.....
Kapuskasing	198	3,248	3,244	33,551	27,016	8,574	71.1	22.6	93.7	73,744	14.76
Keewatin	76	1,960	.....	5,000	6,607	.....	44.5	.....	44.5	.....	.....
Kenora	385	5,080	1,086	38,250	34,398	10,250	45.1	13.4	58.5	131,500	26.75
Mattawa	60	1,507	272	3,363	4,660	.....	40.4	.....	40.4	.....	.....
New Liskeard	191	3,347	4,253	13,118	21,973	618	58.0	1.6	59.6	583	.31
Parry Sound	197	1,903	1,502	12,895	16,338	.....	43.0	.....	43.0	Paid off	.....
Rainy River	100	2,286	758	5,761	8,913	.....	47.5	.....	47.5	.....	.....
Schumacher	183	2,931	1,839	34,310	21,108	15,411	68.9	44.1	113.0	68,609	20.61
South Porcupine	168	2,934	5,492	27,448	25,811	9,329	80.0	28.9	108.9	27,836	9.06
Sturgeon Falls	243	3,216	3,672	9,343	18,706	.....	39.0	.....	39.0	.....	.....
Sudbury	332	2,832	4,043	32,000	39,659	.....	63.1	.....	63.1	.....	.....
Thessalon	90	2,411	2,430	7,317	7,325	2,867	42.1	16.1	58.5	28,072	71.04
Timmins	575	2,933	2,121	73,412	50,564	19,678	44.6	17.3	61.9	105,904	10.33
Totals and Averages	4,779	73,630	64,146	472,512	486,291	124,475	52.8	13.2	66.0	895,815	12.20
All High Schools	25,947	580,946J	756,943F	1,786,893	2,486,115	565,713	49.8	11.3	61.1	4,757,948	18.11
Grand Totals	69,134	933,007J	1,253,296F	6,768,535	7,105,390	1,796,527	53.5	13.5	67.0	17,071,967	7.66

A For the Calendar year.
B Includes Debenture Levy.
C Combined debt of Academic and Vocational schools.
D In default.
E Provincial Government grant of 80% of cost of education of non-resident District pupils.
F Total County grant for county pupils.
G Includes $4,653.64 belonging to 1939.
H Opened September, 1940.
J Includes District grant.
K Rent.



Courtesy the Ontario Public School Argus

Home Economics Unit at Hartman Jones Memorial School, East York

TABLE 34—DAY SCHOOLS—TEACHERS; PUPILS; MAY

For Classification of Pupils by

Schools	Type of School	Teachers: Full-Time Male	Teachers: Full-Time Female	Teachers: Part Time and Occasional Male	Teachers: Part Time and Occasional Female	Enrolment and Attendance of Full-Time Students: Totals	Male	Female	Average Daily Attendance	Attendance Efficiency Percentage	Classification Enrolment by: General	Commercial
In Counties												
1 Barrie	AC	1	1	3	2	36	11	25	66	89.3	.....	36
2 Beamsville	A.AGR.	....	....	5	5	30	11	19	29	92.2	.....	.....
3 Belleville	ACT	....	....	18	11	344	186	158	248	90.3	.....	182
4 Brantford	ACT	3	4	18	10	387	148	239	445	93.3	.....	253
5 Brockville	AC	1	2	9	2	80	22	58	77	91.4	.....	80
6 Chatham	CT	8	6	.....	2	372	193	179	282	93.8	.....	199
7 Cornwall	AC	4	1	8	6	205	91	114	247	93.1	.....	124
8 Fort Erie	ACT	....	1	4	4	178	78	100	189	94.5	.....	178
9 Galt	ACT	2	2	11	7	161	79	82	217	90.8	.....	97
10 Guelph	ACT	4	3	9	7	254	103	151	275	88.7	.....	146
11 Hamilton—Commerce	COM.	4	19	.....	.....	774	94	680	926	95.1	.....	774
12 Technical	T	49	18	.....	.....	1,153	814	339	1,351	93.4	311	.....
13 Westdale	ACT	21	6	6	4	630	290	340	666	93.5	218	323
14 Kemptville	A.AGR.	1	....	1	1	105	40	65	108	92.6	1	.....
15 Kingston	ACT	4	3	12	5	370	226	144	274	90.0	.....	175
16 Kitchener	ACT	13	6	7	4	594	265	329	501	92.0	.....	320
17 London	CT	42	11	.....	1	1,227	564	663	1,314	93.0	60	575
18 Napanee	AC	....	2	3	2	40	7	33	39	91.5	.....	40
19 Niagara Falls	ACT	8	4	5	7	342	196	146	347	92.3	129	92
20 Oshawa	ACT	11	5	6	5	419	167	252	518	93.7	197	107
21 Ottawa—Technical	T	47	2	.....	.....	1,587	1,543	44	1,369	93.1	837	.....
22 Commerce	COM.	27	17	2	.....	1,157	190	967	1,197	92.3	.....	1,157
23 Owen Sound	ACT	1	4	10	4	170	66	104	197	86.4	.....	101
24 Pembroke	AC	2	....	2	4	106	32	74	107	93.7	.....	106
25 Perth	AC	....	....	5	3	114	33	81	90	94.1	26	88
26 Peterborough	ACT	10	4	6	6	373	161	212	420	95.1	137	119
27 Picton	AC	....	2	3	2	27	3	24	31	92.6	.....	27
28 Renfrew	A.C.A.	....	2	5	4	74	31	43	67	80.3	.....	70
29 Ridgetown	A.AGR.	....	....	6	5	67	33	34	66	95.6	37	.....
30 St. Catharines	ACT	10	6	10	5	336	182	154	362	90.2	.....	151
31 St. Thomas	CT	10	8	1	.....	281	116	165	305	89.8	.....	94
32 Sarnia	ACT	4	2	14	9	469	202	267	482	91.2	.....	234
33 Scarborough	AC	1	2	9	6	96	24	72	108	91.7	.....	96
34 Simcoe	A.AGR.	1	....	8	5	133	65	68	129	91.0	71	.....
35 Stamford	A.C.A.	3	3	8	2	205	119	86	211	95.3	.....	124
36 Stratford	AC	....	....	9	4	145	49	96	166	93.4	.....	145
37 Toronto—Central Tech.	T	66	26	12	5	2,981	2,262	719	1,989	91.2	314	2,004
38 Danforth Tech.	T	51	12	4	4	2,111	1,613	498	195	94.3	447	.....
39 Western Tech.	T	‡	‡	‡	‡	882	656	226	1,017	90.5	174	.....
40 Central Com.	COM.	30	17	.....	.....	1,615	303	1,312	1,300	90.3	.....	1,615
41 Eastern Com.	COM.	37	14	.....	.....	1,378	257	1,121	1,286	85.6	.....	1,378
42 Western Com.	COM.	67	19	2	1	823	138	685	957	90.5	.....	823
43 Northern Voc.	CT	55	24	3	2	2,037	846	1,191	1,886	91.6	301	985
44 Welland	ACT	3	2	12	8	212	141	71	233	93.9	.....	70
45 Weston	ACT	7	5	12	6	454	317	137	532	91.0	.....	78
46 Windsor	CT	43	20	.....	.....	1,356	810	546	1,208	93.0	.....	468
47 Woodstock	AC	1	2	4	4	98	25	73	110	91.9	.....	98
48 East York	AC	5	6	6	4	322	39	283	387	90.6	.....	322
49 North York	AC	....	....	6	4	123	40	83	134	93.4	.....	123
50 York—Runnymede	AC	1	1	7	3	98	14	84	98	90.1	.....	98
51 Vaughan Road	AC	1	1	4	8	150	19	131	211	95.6	.....	150
52 Memorial	AC	3	1	4	8	121	9	112	161	91.4	.....	121
Totals	.....	662	296	299	201	27,802	13,923	13,879	25,130	90.1	3,260	14,546
In Districts												
1 Fort Frances	AC	....	1	5	4	30	9	21	34	94.3	.....	30
2 Fort William	CT	23	12	1	.....	569	273	296	560	87.6	2	249
3 Haileybury	AM	2	....	3	2	49	30	19	46	93.5	.....	.....
4 Kirkland Lake	ACT	3	1	15	8	266	129	137	276	90.5	.....	107
5 North Bay	ACT	4	2	8	4	330	189	141	253	93.3	.....	157
6 Port Arthur	CT	16	13	.....	.....	452	243	209	510	94.3	57	137
7 Sault Ste. Marie	CT	13	7	.....	.....	616	270	346	430	89.8	.....	324
8 Sudbury	CT	21	13	.....	.....	480	203	277	432	93.7	234	154
9 Timmins	ACT	4	3	10	7	327	177	150	368	93.4	.....	182
Totals	.....	86	52	42	25	3,119	1,523	1,596	2,909	92.3	293	1,340
Grand Totals	.....	748	348	341	226	30,921	15,446	15,475	28,039	92.1	3,553	15,886
Increases for year	.....	....	....	124	102	.....	.....	.....	.....	.....	.....	.....
Decreases for year	.....	99	66	.....	.....	4,882	2,876	2,006	5,871	2.1	.....	.....
Percentages	.....	.....	.....	.....	.....	.....	50.0	50.0	90.7	.....	11.5	51.4

The Navigation Schools had enrolments as follows: Collingwood (35), Kingston (4).

Type of school:—ACT —Composite (academic, commercial and technical).
AC —Combined academic and commercial.
CT —Combined commercial and technical.
A.AGR.—Combined academic and agriculture.
COM.—Commercial.
T —Technical.
N —Navigation.
AM —Academic, and Mining School.

SCHOOLS

ENROLMENT, ATTENDANCE, GRADE DISTRIBUTION, 1940-41

Subjects of Study, see Table 24.

	of Full-Time May Courses of Study				Grade Distribution of Full-Time May Enrolment							Part-Time Enrolment			Full-Time May Enrolment Classified as to		
	Industrial	Agriculture	Home Economics	Art	Preparatory	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Special	Totals	Male	Female	Resident	Non-Resident	County
1	.....	.....	.....	.....	.....	.....	7	7	10	12	.....	.....	.....	.....	12	.....	24
2	.....	11	19	.....	.....	.....	24	6	.....	.....	.....	.....	.....	.....	4	.....	26
3	145	.....	17	.....	.....	87	120	58	79	.....	.....	.....	.....	.....	235	4	105
4	134	.....	.....	.....	.....	196	127	51	13	.....	.....	.....	.....	.....	282	17	88
5	.....	.....	.....	.....	.....	.....	32	23	12	.....	13	.....	.....	.....	57	.....	23
6	173	.....	.....	.....	.....	123	90	44	33	28	54	.....	.....	.....	232	3	137
7	81	.....	.....	.....	.....	.....	117	47	41	.....	.....	.....	.....	.....	123	17	65
8	.....	.....	.....	.....	.....	101	42	19	10	.....	6	.....	.....	.....	159	.....	19
9	64	.....	.....	.....	.....	61	57	27	2	.....	14	.....	.....	.....	113	41	7
10	97	.....	11	.....	.....	128	71	30	.....	.....	25	.....	.....	.....	207	17	30
11	.....	.....	.....	.....	.....	397	231	112	34	.....	.....	.....	.....	.....	751	1	22
12	574	.....	220	48	203	528	261	107	23	7	24	167	167	.....	1,119	6	28
13	67	.....	11	11	23	275	165	87	46	.....	34	.....	.....	.....	580	49	1
14	.....	104	.....	.....	.....	35	31	22	17	.....	.....	.....	.....	.....	43	8	54
15	195	.....	.....	.....	.....	95	151	82	7	.....	35	.....	.....	.....	282	88	.....
16	175	.....	99	.....	.....	152	222	85	60	7	68	40	20	20	519	3	72
17	447	.....	130	15	118	426	312	149	46	132	44	.....	.....	.....	999	22	206
18	.....	.....	.....	.....	.....	.....	.....	22	18	.....	.....	.....	.....	.....	17	3	20
19	90	.....	31	.....	.....	129	134	66	13	.....	.....	.....	.....	.....	311	14	17
20	79	.....	36	.....	.....	197	135	76	11	.....	.....	.....	.....	.....	331	11	77
21	750	.....	.....	.....	48	553	384	310	172	60	60	.....	.....	.....	1,325	20	242
22	.....	.....	.....	.....	.....	467	360	275	55	.....	.....	.....	.....	.....	1,084	1	72
23	53	.....	15	1	.....	81	50	25	6	.....	8	.....	.....	.....	135	35	.....
24	.....	.....	.....	.....	.....	43	32	13	8	.....	10	.....	.....	.....	84	1	21
25	.....	.....	.....	.....	.....	26	26	19	.....	.....	43	.....	.....	.....	73	2	39
26	75	.....	42	.....	.....	137	138	70	12	.....	16	.....	.....	.....	281	8	84
27	.....	.....	.....	.....	.....	.....	18	9	.....	.....	.....	.....	.....	.....	13	.....	14
28	.....	4	.....	.....	.....	25	27	13	.....	.....	9	.....	.....	.....	49	2	23
29	.....	15	15	.....	.....	37	16	14	.....	.....	.....	.....	.....	.....	.....	26	41
30	165	.....	20	.....	.....	72	165	84	15	.....	.....	.....	.....	.....	277	.....	59
31	153	.....	34	.....	.....	103	90	42	24	.....	22	4	1	3	214	2	65
32	193	.....	42	.....	.....	222	115	68	64	.....	.....	.....	.....	.....	355	1	113
33	.....	.....	.....	.....	.....	.....	60	36	.....	.....	.....	.....	.....	.....	82	10	4
34	.....	35	27	.....	.....	71	32	22	8	.....	.....	.....	.....	.....	69	.....	64
35	.....	81	.....	.....	.....	57	76	35	13	24	.....	.....	.....	.....	129	37	39
36	.....	.....	.....	.....	.....	69	33	20	3	.....	20	.....	.....	.....	137	2	6
37	.....	.....	529	134	171	1,155	700	464	271	106	114	336	247	89	2,888	72	21
38	1,191	.....	343	130	.....	910	641	351	171	31	7	.....	.....	.....	1,966	2	143
39	493	.....	165	50	34	390	269	107	64	18	.....	.....	.....	.....	849	33	.....
40	.....	.....	.....	.....	.....	490	467	327	201	41	89	163	77	86	1,610	5	.....
41	.....	.....	.....	.....	.....	503	388	295	151	.....	41	156	100	56	1,371	7	.....
42	.....	.....	.....	.....	.....	307	283	149	28	.....	56	.....	.....	.....	820	3	.....
43	452	.....	216	83	60	600	488	377	273	106	133	.....	.....	.....	1,998	39	.....
44	135	.....	7	.....	.....	47	100	53	12	.....	.....	.....	.....	.....	107	.....	105
45	305	.....	71	.....	.....	210	160	64	13	.....	7	.....	.....	.....	52	3	399
46	763	.....	125	.....	.....	486	442	246	182	.....	.....	.....	.....	.....	1,207	46	103
47	.....	.....	.....	.....	.....	.....	29	32	16	.....	21	.....	.....	.....	79	19	.....
48	.....	.....	.....	.....	.....	165	81	43	3	.....	30	.....	.....	.....	319	.....	3
49	.....	.....	.....	.....	.....	71	26	18	8	.....	.....	.....	.....	.....	86	.....	37
50	.....	.....	.....	.....	.....	.....	58	21	9	.....	10	.....	.....	.....	76	1	21
51	.....	.....	.....	.....	.....	.....	92	32	16	.....	10	.....	.....	.....	147	3	.....
52	.....	.....	.....	.....	.....	.....	67	37	6	.....	11	.....	.....	.....	121	.....	.....
	7,049	250	2,225	472	657	10,227	8,242	4,791	2,279	572	1,034	866	612	254	24,379	684	2,739
1	.....	.....	.....	.....	.....	.....	14	12	4	.....	.....	.....	.....	.....	23	7	.....
2	217	.....	101	.....	.....	286	136	63	59	.....	25	.....	.....	.....	515	54	.....
3	49	.....	.....	.....	.....	18	12	12	7	.....	.....	.....	.....	.....	16	33	.....
4	117	.....	42	.....	.....	89	100	40	27	.....	10	.....	.....	.....	239	27	.....
5	144	.....	29	.....	.....	44	157	85	44	.....	.....	.....	.....	.....	268	15	47
6	192	.....	66	.....	.....	161	141	89	41	.....	20	4	1	3	418	34	.....
7	232	.....	60	.....	.....	223	133	144	70	.....	46	12	6	6	550	4	62
8	61	24	7	.....	.....	234	146	75	25	.....	.....	.....	.....	.....	429	51	.....
9	145	.....	.....	.....	.....	90	143	82	12	.....	.....	.....	.....	.....	280	47	.....
	1,157	24	305	.....	.....	1,145	982	602	289	.....	101	16	7	9	2,738	272	109
	8,206	274	2,530	472	657	11,372	9,224	5,393	2,568	572	1,135	882	619	263	27,117	956	2,848
	.....	.....	.....	.....	.....	590	1,308	1,359	601	131	915	.....	.....	.....	.....	.....	.....
	.....	.....	.....	.....	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	26.5	.9	8.2	1.5	2.1	36.8	29.8	17.4	8.3	1.8	3.8	.....	70.2	29.8	87.7	3.1	9.2

‡Included with Western Commercial.

TABLE 35—AGE-GRADE DISTRIBUTION OF FULL-TIME PUPILS, MAY, 1941

		12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years	20 years	21 years and over	Totals	Grade Totals
PRE-VOCATIONAL	Boys	4	34	92	181	123	25	3	9	.....	.....	471	657
	Girls	1	8	49	70	47	10	1	.....	.....	.....	186	
GRADE IX	Boys	61	712	1,902	2,012	1,199	318	59	8	2	4	6,277	11,372
	Girls	49	799	1,847	1,583	668	132	14	3	.....	.....	5,095	
GRADE X	Boys	3	39	567	1,544	1,435	723	233	41	12	5	4,602	9,224
	Girls	2	75	836	1,780	1,236	533	120	22	10	8	4,622	
GRADE XI	Boys	.....	1	33	346	830	655	377	119	37	41	2,439	5,393
	Girls	.....	2	45	558	1,125	784	313	97	24	6	2,954	
GRADE XII	Boys	.....	.....	1	10	160	339	285	159	58	42	1,054	2,568
	Girls	.....	.....	.....	38	288	563	395	162	50	18	1,514	
GRADE XIII	Boys	.....	.....	.....	4	7	30	65	68	47	25	246	572
	Girls	.....	.....	2	13	43	74	91	53	28	22	326	
SPECIAL	Boys	.....	.....	1	16	44	84	79	73	49	11	357	1,135
	Girls	.....	1	3	16	59	153	229	165	65	87	778	
TOTALS BY SEXES	Boys	68	786	2,596	4,113	3,798	2,174	1,101	477	205	128	15,446	
	Girls	52	885	2,782	4,058	3,466	2,249	1,163	502	177	141	15,475	
GRAND TOTALS		120	1,671	5,378	8,171	7,264	4,423	2,264	979	382	269	30,921	

TABLE 50—FINANCIAL STATISTICS, DAY SCHOOLS, 1940 (as reported by Trustee Boards)

Schools	Average Daily Attendance for Calendar Year	Major Sources of Receipts				Disbursements		Cost per Pupil-Day (cents)			Debenture Indebtedness	
		Legislative Grants		County Grants	School District Levy	Current	Capital	Current	Capital	Total	Amount	Per $1,000 of Assessment
		Ordinary	Building									
In Counties		$	$	$	$	$	$				$	$ c.
Barrie	60	3,267	.....	2,114	4,263	7,892	c	67.8	c	67.8	c	.....
Beamsville	66	2,467	2,096	5,182	2,570	6,858	3,766	51.6	28.3	79.9	13,142	18.54
Belleville	319	17,378	.....	9,353	33,218	41,730	16,027	66.3	25.4	91.7	190,909	18.18
Brantford	432	9,515	5,301	10,992	33,248	59,323	12,165	71.0	14.6	85.6	132,993	4.91
Brockville	89	3,665	.....	2,000	5,100	13,317	c	80.8	c	80.8	c	26.55
Chatham	307	9,203	1,597	17,128	27,910	53,012	4,279	87.7	7.1	94.8	Paid Off	.....
Cornwall	221	10,793	4,304	17,870	29,831	40,189	17,840	92.5	41.1	133.6	217,569	20.91
Fort Erie	68	3,278	.....	455	11,136	10,142	3,816	78.1	29.3	107.4	60,551	14.76
Galt	213	7,157	.....	13,969	37,884	41,669	16,901	101.9	41.3	143.2	71,291	6.17
Guelph	321	7,806	10,091	5,002	42,623	41,963	14,371	68.4	23.4	91.8	157,869	11.24
Hamilton (3)	3,185	60,813	35,042	18,029	497,263	438,097	187,773	88.5	37.9	126.4	1,512,599	9.15
Kemptville	35	1,159	.....	.....	2,398	3,371	c	50.1	c	50.1	c	.....
Kingston	233	9,351	9,823	8,708	49,027	49,434	23,963	107.5	52.1	159.6	366,803	18.60
Kitchener-Waterloo	516	12,971	9,291	8,333	64,173	75,944	16,246	74.7	16.0	90.7	155,842	4.46
London	1,248	28,613	10,785	25,670	160,325	173,396	40,900	76.4	18.0	91.4	212,947	2.73
Napanee	39	2,294	.....	2,324	2,535	7,347	c	95.0	c	95.0	c	.....
Niagara Falls	395	8,756	1,255	5,018	61,019	54,701	15,858	70.3	20.4	90.7	11,822	.64
Oshawa	598	10,310	11,209	9,074	61,475	64,816	25,442	56.5	22.1	78.6	133,534	5.01
Ottawa (2)	2,893	45,274	.....	37,355	317,707	333,252	75,236	61.8	13.9	75.7	902,736	5.82
Owen Sound	234	8,142	8,346	6,010	43,986	39,527	21,438	97.5	52.8	150.3	48,190	5.63
Pembroke	119	3,747	.....	1,767	16,417	10,736	503	46.0	2.2	48.2	69,854	15.40
Perth	93	3,095	.....	2,513	3,290	9,773	717	56.1	1.4	60.2	3,782	1.61
Peterborough	418	13,166	9,048	3,291	55,459	67,592	23,180	77.1	26.4	103.5	262,000	11.67
Picton	39	1,715	.....	1,726	2,302	5,749	.....	78.1	.....	78.1	.....	.....
Renfrew	89	4,248	2,987	4,628	11,725	16,538	6,552	92.8	36.7	233.0	44,123	13.55
Ridgetown	70	3,841	.....	4,455	1,990	11,815	.....	88.6	.....	88.6	.....	.....
St. Catharines	557	11,072	.....	12,042	66,280	69,112	17,482	64.6	16.3	80.9	135,029	6.12
St. Thomas	364	10,479	8,956	12,490	58,914	62,700	19,544	91.3	28.5	119.8	183,351	12.94
Sarnia	548	11,517	.....	18,249	50,987	69,273	5,214	66.4	5.0	71.4	6,264	.35
Scarborough	251	4,864	.....	14,666	7,528	21,649	Refunded	41.7	.....	.....	714,701	93.31
Simcoe	138	6,372	3,608	6,921	8,000	16,633	5,862	62.0	21.9	83.9	46,651	8.47
Stamford	251	6,231	.....	5,700	19,200	28,017	6,275	56.0	12.5	68.5	25,655	3.32
Stratford	175	5,845	.....	1,365	15,576	16,745	2,779	49.5	8.2	57.7	12,840	.94
Toronto (6)	11,104	216,287	57,655	.....	1,961,227	1,855,149	418,595	84.8	19.1	103.9	3,551,706	3.72
Welland	334	9,970	5,734	17,211	30,548	53,303	13,096	80.9	19.9	100.8	188,036	18.79
Windsor	1,754	28,284	.....	11,571	22,747	211,316	47,911	68.1	15.4	83.5	1,039,042	13.05
Woodstock	134	4,156	2,264	2,810	15,121	16,658	4,598	66.7	18.4	85.1	56,588	7.48
York Township (3)	529	12,073	.....	11,345	68,216	71,354	14,097	68.4	13.5	81.9	166,410	5.58
York East	518	7,303	.....	5,681	65,537	57,416	12,710	61.0	13.5	74.5	74,907	5.15
York North	145	3,274	.....	3,591	12,196	12,406	6,686	43.5	23.4	66.9	70,235	15.30
Weston	533	11,518	5,086	44,256	15,341	64,347	10,983	62.3	10.6	72.9	88,135	27.38
Totals and Averages	29,668	671,272	204,478	390,867	3,999,322	4,324,781	1,112,805	77.4	19.9	97.3	10,928,106	5.85
In Districts				E								
Fort Frances	98	5,990	.....	909	10,000	15,304	c	79.0	c	79.0	c	.....
Fort William	740	16,539	.....	8,414	128,531	117,546	37,941	80.6	26.0	106.6	516,776	18.13
Haileybury	56	8,152	.....	300	1,374	9,612	2,997	86.8	27.0	113.8	12,077	
Kirkland Lake	295	9,275	3,411	1,246	55,647	47,220	15,146	83.9	26.9	110.8	107,273	14.36
North Bay	279	7,294	12,699	3,261	42,275	41,913	21,228	77.3	39.2	116.5	429,929	58.62
Port Arthur	605	13,290	21,795	4,240	89,707	86,126	33,569	72.6	28.3	100.9	369,622	13.80
Sault Ste. Marie	456	8,317	8,287	4,627	56,186	53,309	27,266	60.4	30.9	91.3	174,000	8.86
Sudbury	709	11,900	6,210	8,811	88,838	86,208	32,548	61.7	23.3	85.0	312,403	18.10
Timmins	358	6,516	6,873	4,698	43,555	48,391	11,818	68.6	16.7	85.3	63,603	6.20
Totals and Averages	3,596	87,273	59,275	36,506	516,113	505,629	182,516	71.8	25.9	97.7	1,985,683	16.50
Grand Totals and Averages	103,261	F795,051	263,753	.....	4,515,435	4,830,410	1,295,321	76.8	20.6	97.4	12,913,789	6.50

TABLE 37—NIGHT

Schools	Teachers				Students		
	Male		Female		Enrolment		
	Total	No. who taught in Day School	Total	No. who taught in Day School	Total	Male	Female
In Counties							
1 Barrie	5	3	4	1	108	22	86
2 Belleville	7	5	1	1	976	740	236
3 Brantford	12	10	7	6	626	506	120
4 Chatham	8	6	4	2	596	381	215
5 Cornwall	14	9	4	3	503	292	211
6 Dunnville	2	1	3	2	82	35	47
7 Fort Erie	8	6	3	3	212	137	75
8 Galt	10	6	3	2	392	236	156
9 Guelph	7	5	2	2	400	232	168
10 Hamilton—Technical	35	24	4	3	1,475	1,396	79
11 Commerce	4	4	3	3	258	90	168
12 Westdale	9	5	1	1	316	303	13
13 Kemptville	2	2	.....	.....	25	11	14
14 Kingston	9	8	2	2	637	265	372
15 Kitchener	14	8	6	5	776	460	316
16 London	40	26	12	6	1,661	1,057	604
17 New Toronto	.....	.....	1	1	37	.....	37
18 Niagara Falls	14	9	5	4	735	482	253
19 Oshawa	16	14	5	4	671	395	276
20 Ottawa—Technical	36	29	12	.....	2,007	820	1,187
21 Commerce	18	17	12	9	1,235	351	884
22 Owen Sound	6	4	3	3	233	185	48
23 Pembroke	7	4	6	3	232	118	114
24 Peterborough	18	11	6	4	918	545	373
25 Renfrew	.....	.....	2	2	34	7	27
26 St. Catharines	20	15	6	2	849	538	311
27 St. Thomas	8	8	3	3	251	160	91
28 Simcoe	5	4	3	2	309	197	112
29 Sarnia	12	11	4	4	576	327	249
30 Stratford	13	7	4	2	439	250	189
31 Toronto—Central Technical	88	54	24	7	2,801	1,932	869
32 Danforth Technical	41	36	17	4	1,406	988	418
33 Central Commerce	20	18	.....	.....	603	181	422
34 Eastern Commerce	19	19	.....	.....	680	271	409
35 Northern Vocational	54	44	25	3	1,634	776	858
36 Western Vocational	51	41	14	3	1,388	935	453
37 Welland	11	8	4	2	605	390	215
38 Weston	15	12	5	5	502	350	152
39 Windsor	36	29	12	8	1,640	1,130	510
40 Woodstock	8	2	5	1	402	269	133
41 York East	3	3	.....	.....	104	54	50
Totals	705	527	237	118	29,334	17,814	11,520
In Districts							
1 Fort Frances	5	5	4	3	213	74	139
2 Fort William	7	6	8	8	402	121	281
3 Kirkland Lake	20	15	6	4	584	347	237
4 North Bay	8	5	5	5	324	153	171
5 Port Arthur	16	11	7	4	575	327	248
6 Sault Ste. Marie	7	6	3	3	416	250	166
Totals	63	48	33	27	2,514	1,272	1,242
Grand Totals	768	575	270	145	31,848	19,086	12,762
Increases for the year	.....	11	.....	4	.....	694	.....
Decreases for the year	5	.....	38	.....	3,135	.....	3,829
Percentages	.....	74.9	.....	53.7	.....	59.9	40.1

SCHOOLS, 1940-41

	Students						Aggregate Student Hours Attended	No. of Nights School was Open	No. of Class-rooms
	Beginners			Nationality					
	Total	Male	Female	Canadian	British	Others			
1	78	12	66	101	5	2	8,146	47	8
2	446	349	97	918	52	6	21,050	103	8
3	497	397	100	548	53	25	28,458	57	17
4	508	306	202	501	28	67	23,002	87	15
5	373	193	180	456	38	9	19,113	92	46
6	60	28	32	74	6	2	3,066	44	?
7	155	89	66	169	13	30	7,685	45	11
8	282	176	106	356	26	10	14,422	88	13
9	386	229	157	336	47	17	10,920	37	7
10	1,200	1,130	70	1,122	181	172	58,000	187	55
11	248	85	163	229	21	8	10,890	47	7
12	246	236	10	237	43	36	11,112	137	12
13	24	10	14	22	2	1	390	25	4
14	436	161	275	566	47	24	15,715	44	18
15	459	264	195	645	28	103	25,498	120	35
16	1,249	796	453	1,371	185	105	65,362	99	55
17	.....	.....	.....	31	4	2	1,478	22	2
18	469	303	166	560	71	104	18,967	72	38
19	469	266	203	564	70	37	28,885	47	27
20	980	385	595	1,901	66	40	68,709	91	64
21	1,046	326	720	1,152	64	19	38,540	90	54
22	164	128	36	217	15	1	9,275	71	16
23	152	68	84	227	3	2	10,200	45	11
24	577	357	220	858	49	11	31,360	112	37
25	25	6	19	34	.....	.....	1,640	33	2
26	527	320	207	687	70	92	31,047	128	46
27	184	115	69	222	22	7	9,873	41	11
28	309	197	112	254	38	17	13,396	160	8
29	456	259	197	499	33	44	18,913	76	25
30	331	157	174	401	28	10	13,406	86	27
31	1,595	1,081	514	1,974	318	509	134,552	111	161
32	- - - -	No record	- - - -	1,084	239	83	68,504	112	73
33	383	111	272	503	34	66	24,464	88	39
34	513	209	304	617	47	16	25,500	88	37
35	1,023	508	515	1,438	145	51	73,953	88	99
36	964	646	318	1,207	124	57	66,415	111	86
37	351	241	110	433	23	149	22,646	42	24
38	336	228	108	438	54	10	15,060	39	34
39	1,202	828	374	1,281	134	225	67,308	102	54
40	143	78	65	359	28	15	10,712	114	10
41	73	40	33	91	11	2	4,319	49	5
	18,919	11,318	7,601	24,683	2,465	2,186	1,131,951	.....	1,301
1	164	55	109	167	11	35	8,524	41	13
2	284	79	205	308	30	64	13,306	72	19
3	422	246	176	446	32	106	30,272	94	30
4	213	104	109	298	16	10	15,383	48	14
5	396	227	169	451	54	70	21,101	104	27
6	311	193	118	386	14	16	17,336	72	10
	1,790	904	886	2,056	157	301	105,922	.....	113
	20,709	12,222	8,487	26,739	2,622	2,487	1,237,873	.....	1,414
	826	2,163	.....	.....	.....	145	.....	.....	.....
	.....	.....	1,337	2,634	646	.....	179,214	.....	117
	.....	59.0	41.0	84.0	8.2	7.8	.....	.....	.....

TABLE 38—NIGHT SCHOOLS—Classification of Students by Subjects of Study, 1941-42

I. ACADEMIC

A—CULTURAL

1. English for New Canadians	260	7. French	230
2. Reading	362	8. Spanish	15
3. Literature	265	9. Music Appreciation	24
4. Composition and Spelling	490	10. Music	23
5. Grammar	429	11. Voice Production	26
6. Public Speaking	128		

B—PRACTICAL

1. General Mathematics	155	5. Trigonometry	197
2. Arithmetic	637	6. Mensuration	87
3. Algebra	367	7. Shop Mathematics	1,091
4. Geometry	364		

II. VOCATIONAL AND INDUSTRIAL

A—DOMESTIC ARTS

1. Cooking	1,436	7. Sewing and Dressmaking	3,636
2. Hygiene and Dietetics	189	8. Millinery	129
3. Home Nursing	299	9. Textiles	26
4. Home Economics	156	10. Embroidery and Lace Making	23
5. Household Accessories	17	11. Knitting	9
6. Children's Clothing	17	12. Period Furniture	24

B—COMMERCE

1. Stenography	4,377	9. Filing	55
2. Typewriting	5,754	10. Office Routine	82
3. Business English	62	11. Book-keeping	1,569
4. Journalism	55	12. Advertising	43
5. Rapid Calculation	42	13. Salesmanship	56
6. Commercial Arithmetic	7	14. Commercial Law	19
7. Business Machines	683	15. Dictaphone Transcription	173
8. Business Forms	174		

C—ART, DRAFTING AND DESIGN

(a) Pure Art:		5. Anatomy	60
1. History of Art	12	6. Life Drawing	290
2. Elementary Art	44	7. Modelling	26
3. Colour Study	246	8. Perspective	63
4. Still Life Drawing	88	9. Antique Drawing	23
(b) Applied Art:		3. Interior Decorating	122
1. Illustrating	145	4. Costume Drawing and Design	166
2. Commercial Art and Design	177	5. Photography	21
(c) Industrial Drafting and Design:		5. Electrical Drawing	10
1. Mechanical Drawing	1,913	6. Machine Drawing and Design	516
2. Industrial Design	239	7. Tool Design	24
3. Blue Print Reading	174	8. Sheet Metal Drawing	121
4. Architectural Drawing	300	9. Horological Drafting	29

D—CRAFTS

1. Leather Working	78	6. Art Metal Work	17
2. Wood Carving	16	7. Printing	66
3. Cabinet Making	189	8. Pattern Making	41
4. Pottery	47	9. Watchmaking	31
5. Rugs	24		

E—SCIENCE AND ENGINEERING

(a) Science:			
1. Chemistry	261	5. Metallurgy and Assaying	25
2. Industrial Chemistry	210	6. Applied Mechanics	14
3. Chemistry for Nurses	117	7. Electricity	639
4. Physics	31	8. Photography	50
(b) Engineering:			
1. Stationary	307	5. Telephony	63
2. Refrigeration and Air Conditioning	39	6. Telegraphy	21
3. Aviation	23	7. Wireless	63
4. Milling (Minerals)	8		

F—TRADES AND INDUSTRY

1. General Woodworking	645	10. Armature Winding	15
2. Carpentry and Building	300	11. Radio Construction and Repair	295
3. Machine Shop Work	2,534	12. Glove Making	48
4. Power Operating	59	13. Hair Dressing	82
5. Acetylene Welding	1,028	14. Sheet Metal Work	248
6. Electric Welding	125	15. Plumbing	30
7. Arc and Acetylene Welding	456	16. Forge Work	19
8. Electric Wiring	419	17. Bench Fitting	55
9. Auto Mechanics	1,153	18. Ship Fitting	19

G—WAR WORK STUDIES

1. Aircraft Construction	527	3. Munition Part Inspection	97
2. R.C.A.F. Course	215		

III. MISCELLANEOUS

1. First Aid	174	4. Gymnasium	372
2. Lip Reading	62	5. Swimming	372
3. Vocational Guidance	38		

THE SENIOR AUXILIARY SCHOOLS

TABLE 39—SCHOOLS, TEACHERS, PUPILS, ETC., 1940-41

Schools	Full-Time Teachers		Full-Time Enrolment		Average Daily Attendance	Attendance Efficiency Percentage	Year Classification of Full-Time Enrolment					Part-Time Enrolment	Beginners admitted during the year	Retirements during the Year while in					
	Male	Female	Male	Female			1st year	2nd year	3rd year	4th year	5th year			1st year	2nd year	3rd year	4th year	5th year	6th year
Hamilton—Boys' Handicraft	9	1	184	.....	165	86.9	99	76	9	....	....	.....	114	37	55	11	....	....	....
Girls' Handicraft	.....	6	.....	104	84	86.7	57	37	8	2	....	.....	66	53	23	1	....	....	....
Toronto —Boys' (Jarvis St.)	24	.....	464	.....	413	83.2	214	147	80	18	5	34	264	69	87	107	38	19	....
Girls' (Dovercourt Rd.)	.....	15	.....	296	254	88.5	70	71	142	13	....	15	137	....	1	99	1	....	....
Girls' (Bolton Ave.)	.....	11	.....	231	176	87.3	39	76	85	19	12	.....	154	98	....	....	....	....	....
Totals	33	33	648	631	1,092	86.3	479	407	324	52	17	49	735	257	166	218	39	19	....

TABLE 40—AGE-GRADE DISTRIBUTION OF FULL-TIME PUPILS, MAY, 1941

		12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years	20 years	21 and over	Totals	Year Totals
First Year	Boys	6	142	110	50	4	1	.....	.....	.....	.....	313	
	Girls	41	64	48	11	2	.....	.....	.....	.....	.....	166	479
Second Year	Boys	2	20	105	91	4	1	.....	.....	.....	.....	223	
	Girls	.....	3	154	24	3	.....	.....	.....	.....	.....	184	407
Third Year	Boys	.....	.....	6	66	8	6	3	.....	.....	.....	89	
	Girls	.....	.....	13	210	12	.....	.....	.....	.....	.....	235	324
Fourth Year	Boys	.....	.....	.....	7	5	4	1	.....	.....	1	18	
	Girls	.....	.....	4	.....	22	3	5	.....	.....	.....	34	52
Fifth Year	Boys	.....	.....	.....	.....	.....	.....	2	.....	.....	3	5	
	Girls	.....	.....	.....	.....	.....	12	.....	.....	.....	.....	12	17
Totals by Sexes	Boys	8	162	221	214	21	12	6	.....	.....	4	648	
	Girls	41	67	219	245	39	15	5	.....	.....	.....	631	1,279
Grand Totals		49	229	440	459	60	27	11	.....	.....	4	1,279	.....

TABLE 41—FINANCIAL STATISTICS, 1940

Schools	Average Daily Attendance	Major Items of Receipts		Disbursements		Cost per Pupil-Day (Cents)			Debenture Indebtedness	Pupil-Days
		Legislative Grant	School District Levy	Current	Capital	Current	Capital	Total		
Hamilton—Boys' Handicraft	212	4,391	29,337	34,539	93	83.2	.2	83.4	.....	41,494
Girls' Handicraft	89	2,182	12,338	15,426	.....	88.0	.....	88.0	.....	17,521
Toronto —Boys' (Jarvis St.)	458	19,950	94,999	100,574	13,291	111.6	14.7	126.3	100,000	90,105
Girls' (Dovercourt Rd.)	264	6,853	48,150	56,494	166	109.1	3.2	112.3	.....	51,840
Girls' (Bolton Ave.)	204	4,831	45,270	40,780	9,288	101.2	23.1	124.3	25,319	40,281
Totals and Averages	1,227	38,207	230,094	247,813	22,838	102.7	9.5	112.2	125,319	241,241

TABLE 42—Professional Certificates Issued by the Department of Education during the Calendar Year 1941

A—General

Training Schools	Classification of Certificates										Grand Totals
	Public and Separate School				High School		Vocational School				
	First Class		Second Class		In-terim	Per-man-ent	Interim		Permanent		
	Int.	Perm.	Int.	Perm.			Ord.	Spec.	Ord.	Spec.	
Ontario College of Education	3	.....	.....	.....	375	.....	.....	.....	.....	.....	378
Normal Schools	1,374	.....	154	.....	.....	.....	.....	.....	.....	.....	1,528
Ontario Technical Training College	.....	.....	.....	.....	.....	.....	16	.....	12	6	34
Interim Certificates Issued	1,377	.....	154	.....	375	.....	.....	.....	.....	.....	1,906
Interim Certificates Made Permanent	.....	1,023	....	306	.....	469	.....	.....	.....	.....	1,798
Total Number of Certificates Issued	1,377	1,023	154	306	375	469	.....	.....	.....	.....	3,704

B—Special

(1) One-Year Course

Subject	Elementary		Intermediate		Specialist	
	Interim	Permanent	Interim	Permanent	Interim	Permanent
Home Economics	.....	.....	10	8	.....	.....
Manual Training	.....	.....	7	4	.....	7
*Art	33	.....	14	.....	.....	.....
*Physical Education	74	.....	35	.....	.....	.....
*Vocal Music	23	.....	11	.....	.....	.....
†Primary Specialists	17					

*Taken at the Ontario College of Education.
†Taken at the Toronto Normal School.

(2) Summer School (discontinued)

Note 1.—In addition to the above, 47 Interim Certificates in Elementary Agriculture and Horticulture were issued on pro tanto standing.

Note 2.—During the year 77 High School Principals' Certificates were granted and the following Interim certificates were made permanent:—789 Elementary, 207 Intermediate and Supervisor's, 25 Auxiliary Education, and 86 Kindergarten-Primary.

Note 3.—Also 12 Interim Elementary Vocal Music; 12 Interim Intermediate Commercial; 7 Interim Intermediate Vocal Music (on previous Summer School courses).

C—Temporary

Public County Inspectorates—Dundas 2, Durham 2, Essex 2, Glengarry 1, Grey 3, Haldimand 1, Hastings 9, Frontenac 12, Lambton 2, Lanark 5, Norfolk 1, Northumberland 2, Perth 2, Peterborough 2, Simcoe 5, Stormont 1, Waterloo 2, Welland 1, Wellington 2.
Total, 57.

Public District Inspectorates—Division I, 4; II, 5; III, 7; IV, 3; VI, 7; VII, 7; VIII, 10; IX, 4; X, 1; XII, 8; XIII, 1; XIV, 6; XV, 1; XVI, 6; XVII, 9.
Total, 79.

R.C. Separate Inspectorates—Division I, 2; IV, 30; VII, 1; VIII, 3; IX, 2; X, 2; XI, 2; XIV, 9; XVII, 2; XX, 2.
Total, 55.

Total Temporary Certificates, 191.

TABLE 43—LOCATION OF SECONDARY SCHOOLS BY COUNTIES AND DISTRICTS, SEPT. 1941

The type of Secondary Schools is shown thus: Collegiate Institute (CI); High School (H); Continuation School (C); Technical School (T); Commercial School (Com); Composite (academic, commercial and technical) (ACT); Combined academic and commercial (AC); Combined Vocational (commercial and technical) (CT); Combined academic and vocational agriculture (A. Agr.); Combined academic and mining school (AM).
Senior Auxiliary Schools shown thus: (SA); Navigation Schools shown thus: (N).

Counties	Cities	Towns	Incorporated Villages	Other Centres where Secondary Schools are Located
Brant	Brantford (ACT)	Paris (H)		Burford (H), Mount Pleasant (C), St. George (C), Scotland (C)
Bruce		Chesley (H), Kincardine (H), Southampton (C), Walkerton(H), Wiarton (H).	Hepworth (C), Lion's Head (C), Lucknow (H). Mildmay, Paisley (C), Port Elgin (H), Ripley (C), Tara (C), Teeswater (C), Tiverton (C)	Allenford (C).
Carleton	Ottawa (2 CI) (T) (Com.)	Eastview	Richmond (C), Rockliffe	Bowesville (C), Carp (C), Fitzroy Harbour (C), Jockvale (C), Kars (C), Kenmore (C), Kinburn (C), Manotick (C), Metcalfe (C), Nepean (H), North Gower (C), Pierce's Corners*(C)
Dufferin		Orangeville (H)	Grand Valley (C), Shelburne (H)	Honeywood (C), Laurel (C)
Dundas			Chesterville (H), Iroquois (H), Morrisburg (C.I.), Winchester (H)	Hallville (C) Morewood (H), South Mountain (C)
Durham		Bowmanville (H), Port Hope (H)	Millbrook (C), Newcastle (H)	Blackstock (C), Orono (C)
Elgin	St. Thomas (CI) (CT)	Aylmer (H)	Dutton (H), Port Stanley, Rodney (C), Springfield (C), Vienna (H), West Lorne (C)	Belmont (C), Fingal (C), Port Burwell (C), Sparta (C)
Essex	Windsor (4 CI) (CT)	Amherstburg (H), Essex (H), Harrow (H), Kingsville (H), La Salle, Leamington (H), Riverside, Tecumseh.	Belle River, St. Clair Beach.	Comber (C), Pelee Island (C)
Frontenac	Kingston (CT) (N)		Portsmouth	Sydenham (H), Wolfe Island (C)
Glengarry		Alexandria (H)	Lancaster, Maxville (H)	Williamstown (H)
Grenville		Prescott (H)	Cardinal (C), Kemptville (H), Merrickville (C)	North Augusta (C), Spencerville (C)
Grey	Owen Sound (ACT)	Durham (H), Hanover (H), Meaford (H), Thornbury (H)	Chatsworth (C), Dundalk (H), Flesherton (H), Markdale (H), Neustadt, Shallow Lake	Feversham (C), Holstein (C)
Haldimand		Dunnville (H)	Caledonia (H), Cayuga (H), Hagersville (H), Jarvis (C)	Selkirk (C)
Haliburton				Haliburton (C), Minden (C), Wilberforce (C)
Halton		Burlington (H), Georgetown (H), Milton (H), Oakville (H)	Acton (C)	

*Malakoff Continuation School

TABLE 43—LOCATION OF SECONDARY SCHOOLS BY COUNTIES AND DISTRICTS, SEPT. 1941

Counties	Cities	Towns	Incorporated Villages	Other Centres where Secondary Schools are Located
Hastings	Belleville (ACT)	Deseronto (H), Trenton (H)	Bancroft (C), Deloro, Frankford (C), Madoc (H), Marmora (H) Stirling (H), Tweed (H)	
Huron		Clinton (C.I.), Goderich (CI), Seaforth (CI), Wingham (H)	Blyth (C), Brussels (C), Exeter (H), Hensall (C)	Fordwich (C), Wroxeter (C)
Kent	Chatham (CI) (CT)	Blenheim (H), Bothwell (C), Dresden (C). Ridgetown (A.Agr.), Tilbury (H), Wallaceburg (H)	Erieau, Highgate (C), Thamesville (C), Wheatley (C)	Merlin (C), Paincourt (C)
Lambton	Sarnia (ACT)	Forest (H), Petrolia (H)	Alvinston (C), Arkona (C), Courtright, Oil Springs (C), Point Edward, Thedford (C), Watford (H), Wyoming (C)	Florence (C)
Lanark		Almonte (H), Carleton Place (H), Perth (AC), Smith's Falls (CI)	Lanark (C)	Pakenham (C)
Leeds		Brockville (AC), Gananoque (H)	Athens (H), Newboro, Westport (2C)	Delta (C), Elgin (C), Lansdowne (C), Lyndhurst (C), Mallorytown (C), Seely's Bay (C)
Lennox and Addington		Napanee (AC)	Bath (C), Newburgh (H)	Denbigh (C), Flinton (C), Odessa (C), Stella (C), Tamworth (C)
Lincoln	St. Catharines (ACT)	Grimsby (H), Merriton (H), Niagara (H)	Beamsville (A.Agr.), Port Dalhousie	Smithville (H)
Middlesex	London (3 CI) (CT)	Parkhill (H), Strathroy (CI)	Ailsa Craig (C), Glencoe (H), Lucan (H), Newbury, Wardsville (H)	Delaware (C), Dorchester (C), Ilderton (C) Lambeth (C), Lobo (C), Melbourne (C), Mt. Bridges (C), Thorndale (C)
Norfolk		Simcoe (ACT)	Delhi (H), Port Dover (H), Port Rowan (H), Waterford (H)	
Northumberland		Campbellford (H), Cobourg (CI)	Brighton (H). Colborne (H), Hastings	Castleton (C), Warkworth (C), Wooler (C)
Ontario	Oshawa (ACT)	Whitby (H), Uxbridge (H)	Beaverton (C), Cannington (C), Port Perry (H)	Brooklin (C), Claremont (C), Pickering (C), Sunderland (C)
Oxford	Woodstock (AC)	Ingersoll (CI), Tillsonburg (H)	Embro (C), Norwich (H), Tavistock (C)	Brownsville (C), Burgessville (C), Drumbo (C), Mt. Elgin (C), Otterville (C), Plattsville (C), Princeton (C), Thamesford (C)
Peel		Brampton (H)	Bolton (C), Port Credit (H), Streetsville (H)	Alton (C), Caledon East (C), Cooksville (C), Inglewood (C)
Perth	Stratford (AC)	Listowel (H), Mitchell (H), St. Mary's (CI)	Milverton (C)	
Peterborough	Peterborough (ACT)		Havelock (H), Lakefield (H), Norwood (H)	Ennismore (C)

TABLE 43—LOCATION OF SECONDARY SCHOOLS BY COUNTIES AND DISTRICTS, SEPT. 1941

Counties	Cities	Towns	Incorporated Villages	Other Centres where Secondary Schools are Located
Prescott		Hawkesbury (2H), Vankleek Hill (CI)	L'Original	Plantagenet (H)
Prince Edward		Picton (AC)	Bloomfield, Wellington (C)	Consecon (C)
Renfrew		Arnprior (H), Pembroke (AC), Renfrew (ACT)	Barry's Bay, Braeside, Cobden (C) Eganville (2C), Killaloe	Beachburg (C), Chalk River (C), Forester's Falls (C), Westmeath (C)
Russell		Rockland (H)	Casselman	Cumberland (C), Embrun (H), Navan (C), Russell (C)
Simcoe		Alliston (H), Barrie (AC), Collingwood (CI), (N), Midland (H), (N), Orillia (CI), Penetanguishene (H), Stayner (C)	Beeton (C), Bradford (H), Coldwater (C), Creemore (C), Port McNicoll, Tottenham (C), Victoria Harbour	Cookstown (C), Elmvale (C), Lefroy (C), Minesing (C), Severn Bridge (C), Singhampton (C), Thornton (C)
Stormont		Cornwall (AC)	Finch (H)	Aultsville (C), Avonmore (H), Wales (C)
Victoria		Lindsay (CI)	Bobcaygeon (C), Fenelon Falls (C), Omemee (H), Woodville (C)	Kinmount (C), Little Britain (C)
Waterloo	Galt (ACT), Kitchener (ACT)	Elmira (H), Hespeler, Preston (C), Waterloo	Ayr (C), New Hamburg (C)	New Dundee (C), Wellesley (C)
Welland	Niagara Falls (ACT) Welland (ACT)	Fort Erie (AC), Port Colborne (H), Thorold (H)	Chippawa, Fonthill, Humberstone	Pelham (C), Ridgeway (H), Stevensville (C), Stamford (AC)
Wellington	Guelph (ACT)	Harriston (H), Mount Forest (H), Palmerston (C)	Arthur (H), Clifford (C), Drayton (C), Elora (H), Erin (C), Fergus (H)	Rockwood (C)
Wentworth	Hamilton (2CI), (Com.), (T), (2SA), (ACT)	Dundas (H)	Waterdown (H), Stoney Creek (H)	Lynden (C)
York	Toronto (10CI), (3SA), (2T) (2CT), (2 Com.)	Aurora (H), Leaside, Mimico (H), Newmarket (H), New Toronto, Weston (ACT)	Forest Hill (C), Long Branch (C), Markham (H), Richmond Hill (H), Stouffville (C), Sutton (C), Swansea, Woodbridge	(a) In York Twp.: Runnymede (AC) Vaughan Rd. (AC) York Memorial (AC) (b) In East York Twp.: East York (AC) (c) In North York " Willowdale (AC) (d) In Scarboro " Scarboro (AC) (e) In Etobicoke " Etobicoke (H) Agincourt (C), Mt. Albert (C), Schomberg (C)

TABLE 43—LOCATION OF SECONDARY SCHOOLS BY COUNTIES AND DISTRICTS, SEPT. 1941

Districts	Cities	Towns	Incorporated Villages	Other Centres where Secondary Schools are Located
Algoma	Sault Ste. Marie (CI), (CT)	Blind River (C), Bruce Mines (C), Nesterville, Thessalon (H)	Hilton Beach	Hornpayne (C), Richard's Landing (C), White River (C)
Cochrane		Cochrane (H), Hearst, Iroquois Falls (H), Kapuskasing (H), Matheson, Smooth Rock Falls (C), Timmins (ACT)		South Porcupine (H), Schumacher (H)
Kenora		Dryden (H), Keewatin (H), Kenora (H), Sioux Lookout (C)		Red Lake (C)
Manitoulin		Gore Bay (H), Little Current (C)		Manitowaning (C), Mindemoya (C)
Muskoka		Bala, Bracebridge (H), Gravenhurst (H), Huntsville (H)	Port Carling (C), Port Sydney, Rosseau, Windemere	MacTier (C), Milford Bay (C)
Nipissing	North Bay (ACT)	Bonfield, Cache Bay, Mattawa (H), Sturgeon Falls (H)		
Parry Sound		Kearney, Parry Sound (H), Powassan (C), Trout Creek	Burk's Falls (C), South River (C), Sundridge (C)	Sprucedale (C)
Rainy River		Fort Frances (AC), Rainy River (H)		Emo (C)
Sudbury	Sudbury (H), (T)	Capreol (H), Chelmsford, Coniston (C), Copper Cliff (H), Frood Mine, Massey (C), Webbwood		Chapleau (H), Espanola (C)
Timiskaming		Charlton, Cobalt (H), Englehart (H), Haileybury (AM), Latchford, New Liskeard (H)	Thornloe	Fraserdale (C), Kirkland Lake (ACT)
Thunder Bay	Fort William (CI) (CT) Port Arthur (CI) (CT)	Geraldton (H)		Nipigon (C), Schreiber (C)

TABLE 44—INSPECTORS AND INSPECTORATES, AS OF DECEMBER 31, 1941

A—ELEMENTARY SCHOOLS

V. K. Greer, M.A., Chief Inspector, Public and Separate Schools	Parliament Buildings, Toronto
J. D. Campbell, B.A., Assistant Chief Inspector, Public and Separate Schools	
J. B. MacDougall, B.A., D.Paed., Assistant Chief Inspector, Public and Separate Schools	
Robert Gauthier, B.A., Ph.L., B.Paed., Director of French Instruction	
C. E. Stothers, B.A., D.Paed., Inspector of Auxiliary Classes	
L. Helen De Laporte, B.A., B.Paed., Assistant Inspector of Auxiliary Classes	
N. Davies, B.A., Inspector of Agricultural Classes	
R. D. Keefe, B.A., Provincial School Attendance Officer	
G. R. Fenwick, Mus. Bac., Provincial Supervisor of Music	

(1) City—Public

Inspectorate	Inspector	Address
Brantford	Russell Reid, B.A.	Brantford.
Chatham	H. A. Tanser, M.A., D.Paed., Superintendent of Schools	Chatham.
Hamilton	Frank E. Perney, B.A., B.Paed., Superintendent of Schools	Hamilton.
	V. N. Ames, B.A., B.Paed.	
	R. A. Riddell, B.A., B.Paed.	
	J. W. Van Loon, B.A., B.Paed.	
Kitchener	H. J. Prueter, B.A., D.Paed.	Kitchener.
London	G. A. Wheable, B.A., Superintendent of Schools	London.
	A. B. Lucas, B.A., B.Paed	
Ottawa	McGregor Easson, B.A., D.Paed., Chief Inspector	Ottawa.
	Robert Westwater, B.A., B.Paed.	
Peterborough	K. S. Wightman, B.A., B.Paed.	Peterborough.
Sarnia	T. C. White, B.A., B.Paed.	Sarnia.
St. Catharines	M. F. Pummell, B.A., B.Paed.	St. Catharines.
Toronto	C. C. Goldring, M.A., D.Paed., Superintendent of Schools	Toronto.
	W. E. Hume, B.A., D.Paed.	
	A. G. Leitch, B.A., B.Paed.	
	G. W. McGill, M.A., D.Paed.	
	H. E. Cavell, M.A., B.Com., B.Paed.	
	A. W. R. Doan, M.A., D.Paed.	
	J. L. McCullough, B.A., B.Paed.	
Welland	John Flower, B.A.	Welland.
Windsor	Leonard Wheelton, B.A., Superintendent of Schools	Windsor.
	A. R. Davidson, B.A.	

(2) County—Public

Inspectorate	Inspector	Address
Brant and Norfolk (in part); Town of Paris.	W. Joyce, B.A.	Brantford.
Bruce East; Grey (in part); Huron (in part); Towns of Chesley, Walkerton, Villages of Mildmay, Tara	J. M. Game, B.A., B.Paed.	Walkerton.
Bruce, West; Towns of Kincardine, Southampton; Villages of Lucknow, Paisley, Port Elgin, Ripley, Teeswater, Tiverton.	G. C. Dobson, B.A., B.Paed.	Kincardine.
Carleton; Town of Eastview; Villages of Rockcliffe Park, Richmond	T. P. Maxwell, B.A.	Ottawa. 39 Glen Ave.
Dufferin; Town of Orangeville; Villages of Grand Valley, Shelburne	H. A. Halbert, B.A., B.Paed.	Orangeville.
Dundas; Villages of Chesterville, Iroquois, Morrisburg and Winchester	W. J. Stewart, B.A., B.Paed.	Winchester.
Durham (in part) and City of Oshawa; Town of Bowmanville	T. R. McEwen, B.A., B.Paed.	Oshawa.
Elgin; City of St. Thomas; Town of Aylmer, Villages of Dutton, Port Stanley, Rodney; Springfield, Vienna, West Lorne	J. C. Smith, B.A.	St. Thomas.
Essex, (No. 1); Towns of Amherstburg, Essex, Harrow, La Salle, Riverside, Tecumseh; Villages of Belle River, St. Clair Beach	D. M. Eagle	Windsor, 165 California Ave.
Essex, (No. 2); Towns of Kingsville, Leamington	F. W. Minkler, B.A., B.Paed.	Kingsville.
Frontenac, North, and Addington	T. J. Thompson, B.A., B.Paed.	Sharbot Lake.
Frontenac, South (No. 1); Lennox (in part); Villages of Bath, Portsmouth	S. A. Truscott, M.A.	Kingston.
Frontenac, South (No. 2); and City of Kingston	F. P. Smith, M.A.	Kingston.
Glengarry (in part) and Prescott (in part); Town of Alexandria; Villages of Lancaster, Maxville	R. O. Staples, B.A., B.Paed.	Alexandria.
Grenville; Town of Prescott; Villages of Cardinal, Kemptville, Merrickville	R. A. A. McConnell, B.A.	Prescott.
Grey, East; Towns of Meaford, Thornbury; Village of Chatsworth	L. L. Sinclair, B.A.	Meaford.
Grey, North, and Bruce, North; City of Owen Sound; Town of Wiarton; Villages of Hepworth, Lion's Head, Shallow Lake.	J. J. Wilson, B.A.	Owen Sound.
Grey, South; Towns of Durham, Hanover; Villages of Dundalk, Flesherton, Markdale, Neustadt	G. E. Pentland, M.A.	Hanover.
Haldimand; Town of Dunnville; Villages of Caledonia, Cayuga, Hagersville, Jarvis	J. L. Mitchener, B.A.	Cayuga.
Halton; Towns of Burlington, Georgetown, Milton, Oakville; Village of Acton	L. L. Skuce, B.A., B.Paed.	Milton.
Hastings, Centre; Villages of Madoc, Stirling, Tweed	A. W. McGuire, B.A.	Tweed.
Hastings, North, Nipissing (in part), Renfrew (in part); Villages of Bancroft, Deloro, Marmora	H. H. Loucks, B.A.	Bancroft.
Hastings, South, and City of Belleville; Town of Trenton; Village of Frankford	J. R. Pickering, B.A., B.Paed.	Belleville.
Huron, North; Towns of Seaforth, Wingham; Villages of Blyth, Brussels	J. H. Kinkead, B.A., B.Paed.	Goderich.
Huron, South; Towns of Goderich, Clinton, Villages of Exeter, Hensall	E. C. Beacom, B.A.	Goderich.
Kent; Towns of Blenheim, Bothwell, Dresden, Ridgetown, Tilbury, Wallaceburg; Villages of Erieau, Thamesville, Wheatley	G. A. Pearson, B.A.	Chatham.
Lambton, (No. 1); Town of Forest; Villages of Courtright, Point Edward, Thedford, Wyoming	H. B. Galpin, B.A., B.Paed.	Sarnia.
Lambton, (No. 2); Town of Petrolia; Villages of Alvinston, Arkona, Oil Springs, Watford	J. J. Edwards, B.A.	Petrolia.

(2) County—Public

Inspectorate	Inspector	Address
Lanark; Towns of Almonte, Carleton Place, Perth, Smith's Falls; Village of Lanark	J. W. Barber, B.A.	Perth.
Leeds (No. 1); Town of Gananoque; Villages of Newboro, Westport	R. H. Roberts, M.A.	Gananoque.
Leeds (No. 2); Town of Brockville; Village of Athens	E. Oakes, B.A., B.Paed.	Brockville.
Lennox and Hastings, South (in part); Towns of Deseronto, Napanee; Village of Newburgh	K. O. Birkin, M.A., B.Paed.	Napanee.
Lincoln (in part); Towns of Grimsby, Merritton, Niagara; Villages of Beamsville, Port Dalhousie	W. A. Marshall, B.A., B.Paed.	St. Catharines.
Middlesex, East; Village of Lucan	D. G. Smith, B.A.	London, 155 Thornton Ave.
Middlesex, West; Towns of Parkhill, Strathroy; Villages of Ailsa Craig, Glencoe, Newbury, Wardsville	Gordon Young, B.A.	Strathroy.
Norfolk (in part); Town of Simcoe; Villages of Delhi, Port Dover, Port Rowan, Waterford	W. L. Bowden, B.A.	Simcoe.
Northumberland; Town of Campbellford; Villages of Brighton, Colborne, Hastings	A. A. Martin, B.A., B.Paed.	Brighton.
Northumberland and Durham; Towns of Cobourg, Port Hope; Villages of Newcastle, Millbrook	W. H. Carlton, B.A., B.Paed.	Cobourg.
Ontario North, and York (in part); Town of Uxbridge; Villages of Beaverton, Cannington, Sutton	T. R. Ferguson, M.A.	Uxbridge.
Ontario South; Town of Whitby; Village of Port Perry	R. A. Hutchison, B.A.	Whitby.
Oxford North, and City of Woodstock; Villages of Embro, Tavistock	Geo. M. Mather, B.A.	Woodstock.
Oxford South, Norfolk (in part); Towns of Ingersoll, Tillsonburg; Village of Norwich	J. W. Hagan, M.A.	Ingersoll.
Peel; Town of Brampton; Villages of Bolton, Port Credit, Streetsville	W. F. Smith, B.A., B.Paed.	Brampton.
Perth, North, and Wellington (in part); Towns of Listowel, Mitchell; Village of Milverton	A. E. Nelson, B.A.	Stratford.
Perth, South, City of Stratford; Town of St. Mary's	G. N. Edwards, B.A., B.Paed.	Stratford.
Peterborough East; Villages of Havelock, Lakefield, Norwood	L. W. Copp, B.A., B.Paed.	Peterborough.
Peterborough West, and Victoria, East; Town of Lindsay; Villages of Bobcaygeon, Omemee	R. F. Downey, B.A., B.Paed.	Peterborough.
Prescott and Russell (No. 1); Towns of Hawkesbury, Rockland, Vankleek Hill, Village of L'Orignal (Prot. Sep. Sch.)	J. C. Webster, B.A., B.Paed.	Russell
Prescott and Russell (No. 2)	F. Choquette, B.A.	Ottawa, 121 Frank St.
Prescott and Russell (No. 3); Village of L'Orignal	J. S. Gratton	Plantagenet.
Prescott and Russell, (No. 4); Glengarry (in part)	Joseph Lapensee, B.A.	Plantagenet.
Prince Edward; Town of Picton; Villages of Bloomfield, Wellington	A. F. Brown, B.A.	Picton.
Renfrew, North; Town of Pembroke; Village of Cobden	Norman Campbell, M.A.	Pembroke.
Renfrew, South; Towns of Arnprior, Renfrew; Villages of Barry's Bay, Braeside, Eganville, Killaloe Station	H. Bolingbroke, B.A., B.Paed.	Renfrew.

(2) County—Public

Inspectorate	Inspector	Address
Simcoe, Centre; Towns of Barrie, Penetanguishene (Prot. Sep. Sch.)	W. R. McVittie, B.A.	Barrie.
Simcoe, East; Muskoka (in part); Towns of Midland, Orillia; Villages of Coldwater, Port McNicoll, Victoria Harbour	J. A. Gibson, B.A., B.Paed.	Orillia.
Simcoe North and Kent (in part); Town of Penetanguishene	H. J. Payette, B.A.	Chatham.
Simcoe South; York (in part); Town of Alliston; Villages of Beeton, Bradford, Tottenham	W. K. F. Kendrick, B.A., B.Paed.	Bradford.
Simcoe, West, Grey (in part); Towns of Collingwood, Stayner; Village of Creemore	J. K. Evans, B.A.	Collingwood.
Stormont; Town of Cornwall; Village of Finch	F. L. Barrett, B.A., B.Paed.	Cornwall, 417 Second St. E.
Victoria, West; Villages of Fenelon Falls, Woodville	C. W. Lees, B.A., B.Paed.	Lindsay.
Waterloo, No. 1; Towns of Elmira, Waterloo	G. H. Dobrindt, B.A.	Kitchener.
Waterloo, No. 2; City of Galt; Towns of Hespeler and Preston; Villages of Ayr, New Hamburg	Chas. Howitt, B.A., B.Paed.	Galt.
Welland, East; City of Niagara Falls; Town of Thorold; Village of Chippawa	Z. S. Phimister, B.A., B.Paed.	Niagara Falls, 1166 Victoria Ave
Welland, South; Towns of Fort Erie, Port Colborne; Village of Humberstone	N. R. Wightman, B.A.	Welland, 39 Oakland Ave.
Welland (in part); Lincoln (in part); Village of Fonthill	L. B. Hyde, B.A.	Welland, 84 Merritt St. W.
Wellington, North; Towns of Harriston, Mount Forest, Palmerston; Villages of Arthur, Clifford, Drayton, Elora, Fergus	L. P. Menzies, B.A., B.Paed.	Fergus.
Wellington, South; City of Guelph; Village of Erin	G. G. McNab, M.A., D.Paed.	Guelph.
Wentworth; Town of Dundas; Villages of Waterdown, Stoney Creek	C. B. Routley, M.A.	Hamilton, Court House
York (No. 1); Townships of Gwillimbury E., Markham, Vaughan, Whitchurch; Towns of Aurora, Newmarket; Villages of Markham, Richmond Hill, Stouffville, Woodbridge	C. A. Lapp, B.A., B.Paed.	Toronto, 106 Pinewood Ave.
York (No. 2); Township of Etobicoke; Towns of Mimico, New Toronto, Weston; Village of Long Branch	M. R. Fydell, B.A.	Toronto, 6 Olympus Ave.
York (No. 3); Township of York (in part); Village of Swansea	W. A. Fydell, B.A., B.Paed.	Toronto, 8 Olympus Ave.
York (No. 4); Townships of York (in part), York North (in part)	W. A. Fydell, B.A., B.Paed.	Toronto, 8 Olympus Ave.
York (No. 5); Townships of York, East; York, North (in part)	J. E. Wilkinson, B.A., B.Paed.	Toronto, 34 Chudleigh Ave.
York (No. 6); Townships of Scarborough, York, North (in part); Town of Leaside; Village of Forest Hill	C. F. Cannon, B.A., B.Paed.	Toronto, 96 College View Ave.

(3) District—Public

Inspectoral Division	Inspectorate	Inspector	Address
I	Kenora, Patricia, Thunder Bay (in part); Towns of Dryden, Keewatin, Kenora and Sioux Lookout	R. S. McBurney, B.A.	Kenora.
II	Rainy River; Towns of Fort Frances, Rainy River	W. E. Eade, B.A., B.Paed.	Fort Frances.
III	Thunder Bay (in part); City of Fort William	L. J. Williams, B.A.	Fort William.
IV	Thunder Bay (in part); City of Port Arthur; Town of Geraldton	W. J. Judd, B.A.	Port Arthur.
V	Algoma (in part); City of Sault Ste. Marie; Village of Hilton Beach	D. T. Walkom, B.A.	Sault Ste. Marie.
VI	Algoma (in part); Nipissing (in part); Parry Sound (in part); Sudbury (in part); Towns of Capreol, Coniston, Copper Cliff, Levack	Wm. MacMillan, B.A., B.Paed.	Sudbury.
VII (1)	Algoma (in part); Sudbury (in part); City of Sudbury; Towns of Blind River, Frood Mine, Massey, Webbwood	O. M. MacKillop, B.A., B.Paed.	Sudbury.
(2)	Sudbury (in part)	L. Carrière, B.A.	Sudbury.
(3)	Sudbury (in part); Thunder Bay (in part)	L. Charbonneau, M.A., Ph.D.	Sudbury, 249 College St.
VIII	Algoma (in part); Manitoulin; Towns of Bruce Mines, Gore Bay, Little Current, Nesterville, Thessalon	Sidney Geiger, B.A.	Gore Bay.
IX (1)	Cochrane (in part); Towns of Cochrane, Hearst, Smooth Rock Falls.	W. F. Hiscocks, B.A.	Iroquois Falls.
(2)	Cochrane (in part)	Remi Milette, M.A., B.Paed.	Cochrane
X (1)	Cochrane (in part); Towns of Iroquois Falls, Timmins	H. W. Brown, B.A.	Timmins, 82 Preston St. S.
(2)	Cochrane (in part)	R. R. Maurice, B.A.	Haileybury.
XI	Cochrane (in part); Temiskaming; Towns of Larder Lake, Matheson	J. E. Horton, B.A.	Kirkland Lake
XII	Timiskaming (in part); Towns of Charlton, Cobalt, Englehart, Haileybury, Latchford, New Liskeard; Village of Thornloe	W. L. Lovell, B.A.	Haileybury.
XIII (1)	Nipissing and Parry Sound (in part); City of North Bay; Towns of Cache Bay, Mattawa, Sturgeon Falls	J. W. Trusler, B.A.	North Bay, 306 McIntyre St. W.
(2)	Nipissing (in part)	C. X. Charron, B.A.	Sturgeon Falls.
XIV	Parry Sound, Muskoka (in part); Nipissing (in part); Towns of Huntsville, Kearney, Powassan, Trout Creek; Villages of Burk's Falls, South River, Sundridge	E. R. Underhill, B.A.	Huntsville.
XV	Parry Sound, Muskoka (in part); Town of Parry Sound; Village of Rosseau	J. L. Moore, B.A.	Parry Sound.
XVI	Muskoka (in part); Towns of Bala Bracebridge, Gravenhurst; Villages of Port Carling, Port Sydney, Windermere	G. S. Johnson, B.A.	Bracebridge.
XVII	Haliburton, Muskoka (in part); Peterborough West (in part), and Victoria East (in part)	Archibald Stouffer, B.A., B.Paed.	Minden.

(4) Separate

Inspectoral Division	Inspectorate	Inspector	Address
I	Districts of Algoma (in part), Kenora, Manitoulin, Rainy River (in part), Thunder Bay; Cities of Fort William, Port Arthur, Sault Ste. Marie (in part); Towns of Chapleau (in part), Fort Frances (in part), Keewatin, Kenora, Little Current, Rainy River, Sioux Lookout.....	W.J.Greening,B.A.,B.Paed.	Port Arthur, 288 Harrington Ave.
II	County of Simcoe North (in part), District of Sudbury (in part), Town of Chelmsford.....	L. Carrière, B.A.....	Sudbury, 330 Mable St.
III	Districts of Sudbury (in part), Rainy River (in part), Thunder Bay (in part); Towns of Blind River (in part), Chapleau (in part), Coniston (in part), Fort Frances (in part), Geraldton, Massey (in part), Sault Ste. Marie (in part).....	L.Charbonneau,M.A.,Ph.D.	Sudbury, 249 College St.
IV	District of Cochrane (in part); Towns of Cochrane (in part), Hearst, Smooth Rock Falls.....	R. Millette, B.A., B.Paed..	Cochrane.
V	District of Nipissing (in part); City of North Bay (in part); Towns of Bonfield, Cache Bay, Mattawa (in part), Sturgeon Falls (in part).....	C. X. Charron, B.A.....	Sturgeon Falls.
VI	Districts of Cochrane (in part), Temiskaming (in part); Towns of Charlton, Cobalt (in part), Haileybury (in part), Iroquois Falls (in part), New Liskeard, Timmins (in part); Village of Thornloe.....	R. R. Maurice, B.A.....	Haileybury.
VII	Districts of Algoma (in part), Cochrane (in part), Muskoka (in part), Parry Sound (in part), Sudbury (in part), Temiskaming (in part); Cities of North Bay (in part), Sudbury (in part); Towns of Blind River (in part), Cobalt (in part), Cochrane (in part), Coniston (in part), Haileybury (in part), Iroquois Falls (in part), Kearney, Massey (in part), Mattawa, (in part), Midland, Sturgeon Falls (in part), Timmins (in part).....	A. M. McNamara, B.A.....	North Bay, 18 First Ave. E.
VIII	County of Essex (in part); City of Windsor (in part); Towns of Amherstburg, Riverside (in part).....	L. J. Langan, B.A.....	Windsor, 386 Randolph Ave.
IX	County of Essex (in part); City of Windsor (in part); Towns of LaSalle, Riverside (in part); Villages of Belle Riviere and Tecumseh.....	L. Laplante, M.A.....	Windsor, 714 Bruce Ave.
X	Counties of Essex (in part), Huron (in part), Kent, Lambton, Norfolk; Cities of Brantford, Chatham, Sarnia, St. Thomas; Towns of Blenheim, Delhi, Essex, Leamington, Paris, Simcoe, Tilbury, Tillsonburg, Wallaceburg.....	H. J. Payette, B.A.....	Chatham, 48 Robertson Ave.

(4) Separate

Inspectoral Division	Inspectorate	Inspector	Address
XI	Counties of Bruce, Grey (in part), Huron (in part), Middlesex, Perth (in part), Cities of London, Owen Sound, Stratford; Towns of Goderich, Hanover, Parkhill, St. Marys, Seaforth, Walkerton; Villages of Mildmay, Teeswater	V. C. Quarry, B.A.	London, 613 Wellington St.
XII	Counties of Grey (in part), Perth (in part), Waterloo, Wellington; Cities of Galt, Guelph, Kitchener, Woodstock; Towns of Hespeler, Ingersoll, Mount Forest, Preston, Waterloo; Villages of Arthur, Elora, Fergus	J. C. Walsh, B.A., B.Paed.	Kitchener, St. Mary's School, Young St.
XIII	County of Wentworth; Cities of Hamilton, St. Catharines; Town of Dundas	J. V. McIntyre, B.A., B.Paed.	Hamilton, 64 Stanley Ave.
XIV	Counties of Northumberland, Ontario, Peel, Peterborough, Simcoe, Victoria, York (in part); Cities of Niagara Falls, Oshawa, Peterborough; Towns of Barrie, Campbellford, Cobourg, Lindsay, Collingwood, Merritton, Mimico, Newmarket, Oakville, Orillia, Picton, Thorold, Trenton, Weston, Whitby; Villages of Hastings, Port Dalhousie	Wm. A. Hayden, M.A.	Toronto, 315 St. Clements Ave.
XV	City of Toronto (in part); York (in part); Town of Leaside	J. M. Bennett, M.A., Ph.D.	Toronto, 47 Browning Ave.
XVI	City of Toronto (in part); York (in part); Villages of Forest Hill, Swansea	T. S. Melady, M.A.	Toronto, 42 Lynngrove Ave.
XVII	Counties of Frontenac, Hastings (in part); Glengarry (in part); Addington, Stormont (in part); Cities of Belleville, Kingston; Towns of Alexandria (in part); Brockville, Cornwall (in part), Gananoque, Prescott; Villages of Chesterville, Marmora, Tweed, Portsmouth	C. P. Matthews, B.A., B.Paed.	Kingston, 98 William St. W.
XVIII	Counties of Lanark, Leeds, Renfrew Nipissing District; Towns of Almonte, Arnprior, Pembroke (in part), Perth, Renfrew, Smith's Falls; Villages of Barry's Bay, Eganville, Killaloe Station, Westport	J. T. Anderson, B.A.	Renfrew.
XIX	County of Carleton (in part); City of Ottawa (in part); Town of Eastview (in part)	F. J. McDonald, M.A., B.Paed.	Ottawa, 860 Echo Drive.
XX	City of Ottawa (in part), Clarkstown.	C. A. Latour, B.A.	Ottawa, 67 Osgoode St.
XXI	Counties of Renfrew, Stormont; City of Ottawa (in part); Towns of Cornwall, Pembroke	A. Gascon, B.A., B.Paed.	Ottawa, 74 Marlowe Cresc.
XXII	Counties of Carlton, Dundas, Russell, Town of Eastview (in part); Village of Casselman	F. Choquette, B.A.	Ottawa, 121 Frank St.
XXIII	Counties of Glengarry, Prescott (in part), Russell (in part), Stormont (in part); Towns of Alexandria, Rockland	J. S. Gratton	Plantagenet.
XXIV	Counties of Glengarry (in part); Prescott (in part); Russell (in part); Stormont (in part); Towns of Hawkesbury, Vankleek Hill; Village of Lancaster	Joseph Lapensee, B.A.	Plantagenet.

TABLE 44—INSPECTORS AND INSPECTORATES, AS OF DECEMBER 31, 1941

B—SECONDARY SCHOOLS

Secondary School Inspectors		Vocational School Inspectors	
R. W. Anglin, M.A.	G. L. Gray, B.A.	F. S. Rutherford, B.A.Sc.	L. S. Beattie, B.A.
A. J. Husband, B.A.	S. D. Rendall, B.A.	Miss A. M. Hamill, B.A.	A. M. Moon, B.A.Sc.
W. A. Jennings, B.A.	R. H. Wallace, M.A.	Miss A. W. Cameron, B.A.	Norman Davies, B.A.
A. G. Hooper, M.A.	C. W. Robb, B.A.	Miss E. D. McKim, B.A.	D. W. Gordon
T. Kennedy, M.A.			

Registrar of Trade Schools—W. S. Kirkland, M.A., LL.D.

Address of above Officials—Parliament Buildings, Toronto.

TABLE 45—PUBLICATIONS OF THE DEPARTMENT OF EDUCATION

(NOTE—The year in brackets indicates the latest revision.)

Reports

1. *Report of the Minister*
2. *Report of Staffs of Public and Separate Schools*
3. *Report of Staffs of Collegiate Institutes, High Schools, Continuation Schools, Vocational Schools, Senior Auxiliary Schools, Normal Schools and Normal-Model Schools*
4. *Report on the operation of The Trade Schools Regulations Act (1940)*
5. *Sixth Report of the Actuary on the Condition of the Teachers' and Inspectors' Superannuation Fund (1939)*

Acts*

1. *The Department of Education Act (1940)*
2. *The Public Schools Act (1941)*
3. *The Separate Schools Act (1940)*
4. *The High Schools Act (1941)*
5. *The Continuation Schools Act (1941)*
6. *The Vocational Education Act (1940)*
7. *The School Attendance Act (1938) and The Adolescent School Attendance Act (1941)*
8. *The Boards of Education Act (1938)*
9. *The School Sites Act (1934)*
10. *The Auxiliary Classes Act (1936)*
11. *The Public Libraries Act (1939)*
12. *The University Act (1928)*
13. *The School Law Amendment Acts (1941)*
14. *The Teachers' and Inspectors' Superannuation Act (1940)*

*Price 25c each.

Regulations

1. *General Regulations, Public and Separate Schools (1940)*
2. *Regulations of the High Schools and Collegiate Institutes (1941)*
3. *Regulations of the Continuation Schools (1940)*
4. *Recommendations and Regulations for the Establishment, Organization, and Management of Vocational Schools, and Vocational Departments in Continuation Schools, High Schools and Collegiate Institutes (1940)*
5. *Regulations, Examinations, and Courses of Study of the Normal Schools (Cir. 23) (1941)*
6. *Special Regulations and Courses of Study of the University of Ottawa Normal School (Cir. 23-B) (1940)*
7. *Extracts from the Statutes for Use in the Normal Schools (1941)*
8. *Regulations for the Administration of the Consolidated Schools (Cir. 40)(1935)*
9. *Regulations for Auxiliary Classes (Cir. A.C. 6) (1939)*
10. *Regulations respecting the Application of the School Attendance Act and the Adolescent School Attendance Act (Cir. A.A. 1) (1932)*

Regulations—*Continued*

11. *Regulations respecting Medical and Dental Inspection of Public and Separate Schools (Cir. 56-D) (1940)*
12. *Instructions to School Inspectors re the Apportionment of the Legislative Grant among the Public and Separate Schools (Instr. 12) (1940)*
13. *Regulations respecting Special Departmental Grants to Public and Separate Schools (Cir. 56) (1941)*
14. *Regulations for Inspectors' Certificates (Cir. 37) (1941)*
15. *Instructions to Presiding Officers and Candidates regarding the Annual Departmental Examinations (Instr. 5)*
16. *Regulations of The High School Entrance Examination (Cir. 48)*
17. *General Regulations for Teachers' Institutes (Cir. 60) (1930)*
18. *Regulations respecting Permanent Certificates (Kindergarten-Primary, Second Class, First Class) (Cir. 72) (1941)*
19. *Recommendations and Regulations for the Establishment, Organization and Management of Home Economics and General Shop Work Courses in Secondary Schools and in Grades IX and X of the Public and Separate Schools (1940)*
20. *Recommendations and Regulations for the Establishment, Organization, and Management of Manual Training Courses in Public and Separate Schools (1940)*
21. *Recommendations and Regulations for the Establishment, Organization, and Management of Home Economics Courses in Public and Separate Schools (1940)*
22. *Regulations for Grades IX, X, XI, XII, and XIII in Collegiate Institutes, High, Vocational and Continuation Schools and for Grades IX and X in Public and Separate Schools (re Subjects of Study, Special Grants, Qualifications of Teachers) (1941)*

Courses of Study

1. *Programme of Studies for Grades I to VI of the Public and Separate Schools (1941)*
2. *Programme of Studies for Grades VII and VIII of the Public and Separate Schools (1940)*
3. *Courses of Study for Grades IX and X (Lower School and Fifth Classes) in Collegiate Institutes, High, Vocational, and Continuation Schools, and Public and Separate Schools (1940)*
4. *Courses of Study, Middle and Upper Schools, and Examinations of the High Schools, Collegiate Institutes and Continuation Schools (1940)*
5. *Suggested Courses of Study for Commercial High Schools and Departments established under the Vocational Education Act (1932)*
6. *Courses of Study and Examinations in Schools Attended by French-Speaking Pupils (Cir. 46) (1941)*
7. *Music in Rural Schools (1940)*
8. *An Introductory Course in Music Appreciation through Listening, for Elementary Schools (1941)*
9. *Operettas, Music Plays, Cantatas (1938)*

Text Books

1. *Text Books Authorized and Recommended, and Text Book Regulations for Public, Separate, Continuation and High Schools and Collegiate Institutes (Cir. 14) (1941)*
2. *Text Books Authorized and Approved for Vocational Schools (Cir. 52) (1940)*
3. *Supplementary Reading for Departmental Examinations (Cir. 58) (1941)*
4. *Suggested Books for Supplementary Reading in English Literature, Grades IX and X (1941)*
5. *Teachers' Manuals, etc. (1937)*
6. *Upper School Requirements in Modern Languages (Cir. 69) (1936)*
7. *A Graded List of French Supplementary Reading Books (Prepared for Schools which are Attended by French-Speaking Pupils, and in which French is a Subject of Instruction with the Approval of the Minister)*

Miscellaneous

1. *School Year and Holidays (Form 94)*
2. *Selected Scripture Readings*
3. *Teachers' Library for Public and Separate School Teachers (1941)*
4. *Health Handbook for Teachers in Public and Separate Schools (1938)*
5. *Canadian Intelligence Examination.*

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UNIVERSITY OF TORONTO

REPORT

OF THE

BOARD OF GOVERNORS

FOR THE

YEAR ENDED 30th JUNE

1941

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ONTARIO

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1942

UNIVERSITY OF TORONTO

REPORT

OF THE

BOARD OF GOVERNORS

FOR THE YEAR ENDING 30TH JUNE, 1941

To His Honour the Lieutenant-Governor-in-Council:

The Governors of the University of Toronto have the honour to present their thirty-fifth annual report, together with a comprehensive review by the President of the academic work of the University and its Colleges for the Session 1940-41, and the reports of various officers and departments. A complete synopsis of the numerous developments which have taken place within the University during the past year and its contribution to public service are contained in these reports.

Statements covering the funds and assets, including investments, etc., are also presented as they stood at the close of business on 30th June, 1941, together with detailed statements of receipts and expenditures of the Board for the fiscal year which ended on that date, and the certificate of audit of the same by Mr. G. T. Clarkson of the firm of Clarkson, Gordon, Dilworth and Nash.

The auditor's report states that all the transactions of the year upon the Revenue and Capital accounts have been duly audited and found correct; that the securities representing the investments, which are held for safekeeping by the Canadian Bank of Commerce, were produced for the Auditor's examination twice during the year and found to be in agreement with the Bursar's records; and that this officer's records are well kept and all endowment and trust funds properly accounted for.

The general revenue for the year amounted to $1,825,211. There was also credited to revenue the Special Legislative Grant of $1,000,000, making a gross total of $2,825,211. From this sum, however, there was deducted $67,226, representing interest written to certain scholarship and trust funds and including interest on bank accommodation, leaving available for expenditure for salaries and maintenance $2,757,985.

The expenditures under the appropriations made by the Board for these purposes, (exclusive of the Ontario College of Education which is maintained by a separate vote) the estimates for which were approved by the Minister of Education, totalled $2,898,205. As a result there was an excess of expenditures over receipts of $140,220, which, together with the accumulated debit balance of $476,720 brought forward from previous years, makes a total due the University to 30th June, 1941, of $616,940.

Every effort was made during the year to reduce all controllable expenditure, which resulted in a considerable saving in the Estimates as originally prepared.

All of which is respectfully submitted.

D. Bruce Macdonald,
Chairman.

Toronto, 27th November, 1941.

AUDITOR'S CERTIFICATE

Toronto, November 3, 1941.

To the Governors of the University of Toronto:

GENTLEMEN:

I have verified the attached Balance Sheet of the University dated 30th June, 1941, and Schedules 1 to 10, and report that all the transactions of the year upon the Revenue and Capital Accounts have been duly audited and in my opinion are correctly stated in the accounts.

The securities representing your investments are held in safekeeping by your bankers, The Canadian Bank of Commerce, and were produced for my examination on 2nd July, 1941, and also at another time during the year and found to be in agreement with the records kept by the Bursar. Your securities consist largely of bonds issued or guaranteed by the Dominion of Canada and by the Province of Ontario and bonds of Ontario municipalities. There are also certain corporation and other securities received as bequests. Their approximate market value as at 30th June, 1941, was greater than their book value by $594,119.48.

No income was received from certain non-trustee securities which have come to you in bequests.

The Bursar's records are well kept and all Endowment and Trust Funds properly accounted for.

Yours faithfully,

G. T. CLARKSON, F.C.A.,
Auditor.

FINANCIAL STATEMENT

Balance Sheet, 30th June, 1941

Funds and Liabilities

General Endowment	Schedule	1	$13,762,719.44	
Specific Endowments (Scholarships, Prizes, etc.)	"	2	567,969.56	
Trust Funds	"	3	7,880,129.93	
Pension and Retirement Funds	"	4	1,528,760.07	
Annuity Debentures	"	5	891,037.88	
Contingent Funds, Ontario College of Education Surplus, etc.	"	6	244,756.11	
Fees paid in advance			1,198.00	
Royal College of Dental Surgeons			50,000.00	
				$24,926,570.99

Assets

Site Lands, Buildings and Contents	Schedule 7		$12,435,607.29	
Unproductive Lands	" 8		58,622.40	
Leased Properties	" 9		655,435.71	
Investments, Cash and Accounts Receivable	" 10		10,549,479.46	
Royal Ontario Museum Investment			248,376.30	
Ontario Government Annuities (16 George V, Cap. 69)			47,802.19	
Ontario Government Annuities (18 George V, Cap. 55)			301,803.87	
Superintendent's Stores	Appendix IV		12,503.23	
Revenue Account:				
Balance at debit 30th June, 1940		$476,720.96		
Deficit for 1940-41 as per Schedule 6a		140,219.58		
			616,940.54	
				$24,926,570.99

NOTE: This statement does not include any assets or liabilities of The Toronto Conservatory of Music.

SCHEDULE 1

General Endowment

Additions for 1940-41:			
Annuity Debentures:			
Portion of 1940-41 instalments reducing principal:			
Thirty-second instalment, issue of July, 1909	$17,747.36		
Thirtieth instalment, issue of January, 1911	4,263.00		
Thirtieth instalment, issue of January, 1911	9,838.00		
Twenty-sixth instalment, issue of April, 1915	3,087.40		
Seventeenth instalment, issue of July, 1924	8,227.00		
Twelfth instalment, issue of January, 1929	41,378.24		
		$84,541.00	
Frontage Licence, College Street—Emilie Florence Jones		930.00	
Library proper:			
Addition of Books for year less depreciation (Schedule 7)		18,940.63	
			$ 104,411.63
Return of 30th June, 1940			13,658,307.81
Return of 30th June, 1941			$13,762,719.44

SCHEDULE 2

Specific Endowments

(Scholarships, Prizes, etc.)

A.A.A.S. Scholarship (Physics, etc.)	$ 2,350.00
Aggett, Harvey, Memorial (App. Sc.)	1,636.49
Aikins (English Literature)	5,324.94
Alexander Lectureship (English Literature)	16,163.40
All Souls' Historical Essay Prize	3,087.13
Allen-McKellar Memorial (French)	1,050.09
Alumnae Prize in English	10.00
Armstrong, George H., (History)	2,349.49
Association of Professional Engineers of Ontario Bursary (Engineering)	100.00
B.A.A.S., (Medals, etc.)	16.95
Balfour Lectureship (Surgery)	4,780.20
Balmer, Jean (Science)	1,215.31
Bankers' (Political Science)	1,361.66
Baptie, Margaret W., (Medicine and Science)	4,047.47
Bastedo, Alma Anderson, Memorial Prize (English)	588.65
Bickle Bursary, T. H. (Swimming)	1,033.67
Blake (Matriculation)	31,249.22
Blake (Science and Moderns)	3,750.00
Boiler Inspection and Insurance Co., (App. Sc.)	150.00
Booth (University Schools)	1,000.51
Boxer, Reg. N., U.T.S. Junior School	1,000.00
Boxer, Reg. N., U.T.S. Senior School	1,000.00
Brickner, Rabbi (Social Science)	1,034.11
Brock, Margaret A., (Matriculation, English and History)	1,028.44
Brown, George, Memorial (Medical Science)	10,810.06

Brown, George, (Modern Languages)	$ 1,128.34
Bruce, Robert (Arts and Medicine)	1,282.30
Chappell, Walter F., Prize (Medicine or Surgery)	501.77
Cockburn, G. R. R., (Greek)	1,050.00
Cody, Florence (Matriculation)	2,515.11
Cody, Henry John (Matriculation)	2,519.04
Cody, Maurice, Memorial (Modern History)	3,343.12
Cody, Maurice, Memorial Prize (Modern History)	1,321.74
Cody, Maurice, Memorial (University Schools)	250.77
Cohen, Arthur (English Language and Literature)	3,153.85
Coleman Medal (Geology)	1,001.28
Copp, John, Memorial Fund (Medicine)	5,362.05
Corner Club of Toronto, Bursary (University College)	25.00
Crawford, Allan Rudyard (University Schools)	525.00
Crawford, Henry Job (University Schools)	1,049.61
Crealock, Archie B., Memorial Prize (Civil Engineering)	25.00
Darling & Pearson Prize (Architecture)	100.00
DeLury, Alfred T., (Mathematics)	3,547.44
Dickenson, Marion E., (Household Science)	5,663.56
Dunlap, David, Memorial (Psychology)	825.00
Falconer, Sir Robt., Lectureship	17,124.31
Faulkner Medal (Psychiatry)	.15
Findlay, J. A. (Mechanical Engineering)	3,112.60
Fletcher-Johnson Memorial Prize (Latin)	10.00
Fox, Harold G., Prizes (Law)	150.00
Fulton, Alexander T., (Mathematics and Science)	3,351.30
Gibson, (Matriculation)	4,162.57
Gibson (Pass Matriculation)	5,617.96
Gibson, Maude Charlton, U.C., (Household Economics)	1,626.21
Glen Mawr Old Girls' Association (English and History)	2,303.64
Goldsmith, Perry (Oto-Laryngology)	3,312.61
Grasett Memorial (Classics)	6,004.61
Graduate Fellowship (Sundry)	500.00
Hardie, William (Matriculation)	2,300.00
Harris, James (Matriculation), (University College)	26,205.69
Hastings (Public Health and Public Health Nursing)	11,867.48
Henderson, Joseph, Memorial (Matriculation)	2,226.76
Hendry, William John (Obstetrics)	3,007.94
Hollywood Theatre Prizes (French)	50.00
Hutton, Maurice (Classics)	5,926.47
Inco Scholarship (Applied Science)	500.00
International Mathematical Congress, 1924 (medals)	3,272.66
Irwin, Herbert, W., Memorial (Modern Languages)	1,029.00
Isserman, Rabbi, Prize (Social Science)	903.49
Jenkins (Engineering)	400.00
Kennedy, George (Philosophy)	4.79
Kennedy, Sarah (Household Economics)	4.79
Khaki University Memorial	3,735.97
Labour Research Institute (Law)	50.00
Laird, Annie Louisa, (Household Economics)	2,049.25
Laurier, Sir Wilfrid, Memorial (French)	2,222.61
Lawler, Gertrude, Memorial (English and History)	3,297.52
Lawler, Gertrude, Prize (English)	303.97
Leonard, Reuben Wells, Fellowship and Scholarships (University College)	291.00
Lilly, Eli (Medicine)	404.44
Lister Prize (Surgery)	5,340.64
Locke, Geo. H. Memorial (Library School)	3,067.26
Lyle Medal (Orientals)	695.53
McCaul Medal (Classics)	543.58
McCaul Scholarship (Classics)	2,509.79
McCharles, Aeneas, Prize	24,093.46
McCrae, John (Matriculation)	11,468.38
McCrea, Dent (Law)	100.00
Macdonald, John (Philosophy)	2,530.00
Mackenzie, Alexander, Memorial (Political Science)	16,537.50
Mackenzie, J. J., Fellowship (Pathology)	5,673.63
McLean, J. S., (Matriculation, University College)	8,500.00
McLennan, Sir John Cunningham, Prize (Mathematics and Physics	301.18
MacLennan-MacLeod Memorial Prize (Applied Science)	512.50
MacMurchy, Angus, Medal (Law)	1,090.33
McPhedran, Alexander, Research Fellowship (Medicine)	30,946.79

Marfleet, Pearson Kirkman, Lectureship	$ 9,064.86
Mickle, Charles, Fellowship (Medicine)	28,916.15
Mickle, Ellen, Fellowship (Medicine)	28,953.95
Moss, (Classics)	2,000.00
Mulock, Mary (Classics)	2,838.74
Mulock, William (Classics and Mathematics)	2,000.00
Mustard, (Classics)	3,362.27
Neelands, Florence M., Prize (French)	522.40
Nesbitt, Wallace, Medals (University Schools)	612.50
Nipissing Research Fellowship (Mining)	21,639.17
Ontario Hockey Association War Memorial (Matriculation)	2,025.00
Pakenham Memorial Prize (Ontario College of Education)	1,016.05
Pan-Hellenic Association Prizes (University College)	150.00
Peters, George A., (Surgery)	3,950.08
Porter, T. M., (University Schools)	6,017.08
Porter, T. M., Memorial (Corrigan Gift) (University Schools)	1,000.00
Prince of Wales (Matriculation)	1,000.00
Public Speaking Association Bursary	50.00
Putnam, Wm. Lowell Prize (Mathematics)	629.05
Quebec Bonne Entente Prize (French)	1,000.00
Ramsay, William (Physics)	1,157.66
Ramsay, William (Political Economy)	1,415.29
Ransom, A. C., (Applied Science)	5,151.90
Reeve, Anna Howe, Prize (Household Science)	682.96
Reeve, R. A., Prize (Medicine)	50.00
Richardson, James H., Research Fellowship (Anatomy)	10,000.00
Rossin, Julius (Modern Languages)	1,000.00
Rowell, Langford (Law)	1,012.06
Rowell, Langford (University Schools)	2,000.00
Saddington, Ronald S., Medal (Pathology)	7.63
Sadowski (Sociology and Social Science)	500.00
School of Nursing Undergraduate Bursary	591.70
St. Margaret's College Alumnae (Social Science)	75.00
St. Margaret's College Alumnae Prize (Public Speaking)	617.55
Seccombe, Wallace, Memorial Scholarship (Dentistry)	2,035.30
Squair French Prose Prize	310.16
Starr Bequest (Medals)	7,913.19
Strang, Hugh Innis, Memorial (Classics)	3,070.59
Switzer, W. George, Memorial Award (Dentistry)	46.16
Tracy (Philosophy)	942.83
Ubukata (Japanese students)	12,092.06
Vander Smissen Scholarship (German)	2,737.33
Webster, Albert E., Memorial Scholarship Fund (Dentistry)	2,107.55
Wickett, Emerson, Memorial (Applied Science)	500.00
Wickett, Morley (Matriculation, English and History)	2,189.70
Willson, Herbert (Biology and Medicine)	100.00
Wilson, Daniel (Natural Science)	2,000.00
Wright, Ramsay, (Zoology)	18,074.45
Wrong, George M. (Modern History)	3,825.33
Young, Memorial (Philosophy)	6,447.73

Ledger Balances on 30th June, 1941			$567,969.56
Return of 30th June, 1940	$559,789.65		
Additions to funds during year (including income from investments)	43,499.95		
Interest credited to scholarships and other funds	6,198.52		
		$609,488.12	
Expended for scholarships, prizes, etc.		41,518.56	
Return of 30th June, 1941			$567,969.56

SCHEDULE 3

Trust Funds

American Philosophical Society Grant (Solandt)	$ 12.56
Banting, Sir Frederick, Memorial Fund	527.88
Banting Research Foundation	713,315.22
Banting Research Foundation (Reserve)	23,440.78
Canada Packers Donation Heparin Research	124.10
Canadian Red Cross Society Grant (Blood Substitutes Funds)	2,283.68

Carnegie Corporation Grant—Anthropology (U. of T.—Yale Conference)	$ 1,681.82
Carnegie Corporation, Educational Research	2,263.89
Carnegie Corporation, Fine Art Professorship	1,999.50
Carnegie Corporation, Physiology Research	2.36
Carson, Minnie, Bequest—Tuberculosis Research	2,913.14
Connaught Laboratories Research	200,000.00
Connaught Laboratories Special Fund	111,771.32
Crocker, James W., Memorial Loan Fund	944.42
Dental Research	996.03
Dominion Government Grants:—	
Aerial Navigation	6,000.00
Aviation Medical Research Bazett Project AM 1	4,854.08
Aviation Medical Research—Price Project AM 4	3,784.10
Aviation Research Psychology	587.08
Aviation Research Physics—Burton	349.22
Banting High Altitude Flying Project AM 1000	140.98
Barrett—Project C 1000-22	1,231.27
Best "Cockpit Lighting of Airplanes"	236.55
Chemical Warfare—Lucas C 1000-2	148.46
Chemistry—Gordon C 1000-1	1,676.68
Chemistry—Gordon C 1000-27	1,945.28
Dental Technician's Course	1,623.45
Electron Microscope Research	3.18
Greey Project M-1000	4,396.80
Irwin C 1000-18	350.00
Medicine—Cleghorn Project No. 9-2	163.15
Navy Technical Class Physics No. 1	5,079.83
Navy Technical Class Physics No. 2 Dr.	3,323.49
Radio Technician's Course, Dr	793.79
War Project C 1005-1 Physics—Burton	220.10
War Project P 1000-2 Physics—Burton	446.46
War Project P 1000-3 Physics—Burton	2,073.74
War Project C 1000-21—Young	157.71
Dunlap Bequest (Medical Research)	111,433.49
Eaton Endowment (Medicine)	32,105.27
Engineering Society Donation	193.07
Fairclough, William Erving Memorial	23,813.40
Fasken, David, Trust	5,735.44
Flavelle, Sir Joseph (Fellowship)	1,500.00
Fulford Estate Donation	3,443.08
Geophysics Research Fund	5,202.21
Gilchrist, Archibald—Botany	694.87
Honor, John, Bequest (Arts)	12,238.64
Horton, John Hughes, Bequest (not allocated)	866.57
Hoskin, John, Bequest (Residences)	15,570.48
Institute of Child Study	1,866.41
Insulin Committee, Surplus	1,118,965.52
Jones, Martha Alice, Bequest—Women's Union	53.85
Joy, Wing Commander D. G., Donation—Aerial Navigation	100.00
Laidlaw, Ann, (Classical Archaeology)	53.69
Langton, John, Memorial	30.00
Leonard, Reuben Wells, Bequest	176,292.32
Library Funds:—	
Abbott, Harry R., (Dental Library)	99.70
Graduates' Deposits	4,888.75
King Alfred Millenary	10,574.03
Phillips Stewart Bequest	1,632.10
John Squair (French) No. 1	1,000.00
John Squair (French) No. 2	1,026.62
Massey Foundation Repayment	306,210.35
Massey-Treble Bequest, Household Science	31,350.47
Medical Research, Banting	241,021.44
Medical Research, Best	156,117.44
Mendel, Bruno, Fund	3,246.07
Mount Sinai Masonic Lodge, Silver Jubilee Loan Fund	1,105.00
Mulock, Sir William, U.C. Men's Residence Fund	20,207.05
McLennan Laboratory Research Fund (Scientific Research)	1,638.46
National Foundation for Infantile Paralysis Inc. of the United States	2,895.00
Ontario Archaeology—Special Research	786.40
Parke Davis Donation—Greey Research	146.00

Porter, T. M. Bequest	$ 13,585.65	
Reeve, R. A. Bequests (not allocated)	16,640.44	
Rockefeller (School of Hygiene Endowment)	861,946.14	
Rockefeller (School of Hygiene)	13,416.36	
Rockefeller (School of Hygiene—Special Account No. 1)	1,875.00	
Rockefeller (School of Hygiene—Special Account No. 2)	1,558.78	
Rockefeller (School of Hygiene—Special Account No. 3)	469.00	
Rockefeller (Medical Endowment)	1,043,912.50	
Rockefeller (Psychiatry Research)	11,664.78	
Rockefeller (School of Nursing Endowment)	250,000.00	
Rutherford, Dr. James P., (Medical Research)	6,413.54	
Seldon, Lauretta M., Bequest (Cancer Research)	58.01	
Simpson, Mary A., Bequest	109.62	
Smith, Geo. R. Fund (Ontario College of Education)	250.00	
Social Science Fund	680.69	
Standard Brands Research (Chemistry)	6.54	
Stewart, John A., (Pernicious Anaemia)	2,756.25	
University College Men's Residence Fund	5,091.98	
Walker, E. C. Bequest (Residences)	70,661.62	
Walker, J. Harrington, Bequest (Residences)	38,599.68	
Wallberg, E. A. Memorial	1,928,757.39	
Wallberg, E. A. Memorial (Applied Science Survey)	1,167.46	
Wallberg, E. A. Memorial (Loan Fund)	11,454.27	
Wenner-Gren Geophysics Fund	1,481.15	
Whitney, E. C. Bequest (not allocated)	199,453.05	
Wintercorbyn, Mrs. E. A., Bequest	10,389.30	
Ledger Balances on 30th June, 1941		$7,880,129.93
Return of 30th June, 1940	$7,550,660.37	
Additions to funds during year (including income from investments)	1,064,067.78	
Interest credited to scholarships and other funds	59,580.19	
	$8,674,308.34	
Expenditures and transfers from funds	794,178.41	
Return of 30th June, 1941		$7,880,129.93

SCHEDULE 4

Pension and Retirement Funds

1. Pension Fund (Academic):		
At credit of account on 30th June, 1940	$536,618.41	
Contributions during year	43,357.50	
Interest credited	22,831.75	
	$602,807.66	
Withdrawals	23,345.41	
		$579,462.25
2. Pension Fund (Employees):		
At credit of account on 30th June, 1940	$736,189.80	
Contributions during year	75,043.98	
Interest credited	29,273.64	
	$840,507.42	
Withdrawals	24,209.60	
		$816,297.82
3. Estimated accrued liability as per Actuary's report of 19th October, 1939		$133,000.00
Return of 30th June, 1941		$1,528,760.07

SCHEDULE 5

Annuity Debentures

Issue of July, 1909, for construction and equipment of Thermodynamics Library Addition and Faculty of Education Building, $500,000, repayable in forty equal annual amounts of $25,260 each, Value as on 30th June, 1941, of the eight outstanding instalments	$170,068.70

Issue of January, 1911, under 1 George V, Cap. 80, for construction of Pathological building, $130,000, repayable in forty equal annual amounts of $6,568 each,	
Value as on 30th June, 1941, of the ten outstanding instalments.	$ 53,273.00
Accrued on 30th June, 1941, of thirty-first payment and charged to Revenue, 1940-41	3,284.00
Issue of January, 1911, under 1 George V, Cap. 80, as a grant towards construction of Toronto General Hospital, $300,000, repayable in forty equal annual amounts of $15,157 each,	
Value as on 30th June, 1941, of the ten outstanding instalments	122,936.00
Accrued on 30th June, 1941, of thirty-first payment and charged to Revenue, 1940-41	7,578.50
Issue of April, 1915, under R.S.O., 1914, Cap. 279, to provide for the payment of $100,000 to the Hart A. Massey Estate towards the Gymnasium portion of Hart House, $110,000, repayable in forty equal annual amounts of $5,975 each,	
Value as on 30th June, 1941, of the fourteen outstanding instalments	61,081.61
Accrued on 30th June, 1941, of twenty-seventh payment and charged to Revenue, 1940-41	1,244.80
Issue of July, 1924, under R.S.O., 1914, Cap. 279, for construction of Forestry building, $124,622, repayable in twenty equal annual amounts of $10,000 each,	
Value as on 30th June, 1941, of the three outstanding instalments	27,232.50
Issue of January, 1929, under R.S.O., 1927, Cap. 337, for construction of a new building for Pathology and allied departments (Banting Institute) $800,000, repayable in twenty equal annual amounts of $64,193 each,	
Value as on 30th June, 1941, of the eight outstanding instalments	414,916.97
Accrued on 30th June, 1941, of thirteenth payment and charged to Revenue, 1940-41	29,421.80
	$891,037.88

SCHEDULE 6

Contingent Funds, Etc.

Contingent Fund (Investment Reserve):			$172,161.84
Organ Fund:			
Balance on 30th June, 1940		$ 2,794.25	
Expenditure on upkeep of organ, less receipts		173.37	
			2,620.88
University Press:			
At credit of accounts as per Appendix III			36,827.99
Ontario College of Education:			
At credit of account (Appendix V)			55,670.19
Legislative Grant for Administration Building:			283.15
David Dunlap Observatory (Construction Account):			17.23
			$267,581.28
Sundry ledger balances, items in suspense, etc.:			
Residence, Laboratory and Key deposits		$2,889.13	
Fire Loss Account		274.81	
Surgery		160.72	
Suspense		15.00	
		$3,339.66	
Less:			
Fire Insurance Premiums paid in advance	$22,570.13		
Workmen's Compensation Board deposit	316.20		
Land Purchase account (Timber Lease for Forestry Practice Camp)	3,278.50		
		26,164.83	
			$22,825.17
			$244,756.11

SCHEDULE 6a

Revenue, 1940-41

Receipts

		Estimate	Actual
Legislative Grant, University Act, 1906		$500,000.00	$500,000.00
Legislative Grant, 60 Vict., Cap. 59		7,000.00	7,000.00
Legislative Grant, 13-14 George V		10,000.00	10,000.00
Fees, University and College, as detailed in Appendix I		925,000.00	954,956.16
Infirmary Receipts, Dentistry		25,000.00	29,050.31
Interest:			
On Dominion and Provincial Government Bonds			115,989.23
On Ontario Government Annuities			19,773.55
On Debentures			3,647.81
On Loans			1,200.00
On Bank Balances			5.86
		160,000.00	
Rentals:			
University Park ground leases			8,043.00
City of Toronto payment			6,000.00
Business properties			13,192.83
Sundry houses and land earnings			4,717.95
Men's Residences:			
(General, $13,005.75; University College, $2,541.75)		17,000.00	15,547.50
Women's Residences:			
(Whitney Hall, $47,928.95; St. George Street Group, $14,097.90)		68,000.00	62,026.85
University College Women's Union:			
(Membership fees, $2,255.00; rooms and meals, $5,166.95)			7,421.95
Central Power Plant:			
Wycliffe, Victoria and Knox Colleges	$30,981.12		
Royal Ontario Museum	14,617.42		
Sundry accounts	14,209.77		
		50,000.00	59,808.31
Photographic Service and Casual Revenue		5,000.00	6,830.47
		$1,767,000.00	$1,825,211.78
Special Legislative Grant		1,000,000.00	1,000,000.00
Supplementary Grant		281,948.00	.....
		$3,048,948.00	$2,825,211.78

Expenditures

Under appropriations as per Appendix II	$2,983,948.00	$2,898,204.75
Interest written to Scholarship and other funds	65,000.00	67,226.61
	$3,048,948.00	$2,965,431.36
Receipts as above		2,825,211.78
Excess of expenditures over receipts carried to Balance Sheet		$140,219.58

SCHEDULE 7

Site Lands, Buildings and Contents

Site Lands:		
2,557,843 sq. feet @ forty cents per foot	$1,023,137.20	
332,549 sq. feet @ cost price	447,344.23	
18,000 sq. feet @ estimate	40,000.00	
2,908,392 sq. feet		$1,510,481.43
Buildings:		
Anatomical building	$482,388.37	
Baldwin House	12,000.00	
Banting Institute	813,129.93	
Biological building	129,745.30	
Botanical building	516,998.35	

Chemical building	$ 77,469.88	
Convocation Hall	214,866.22	
Dental building	350,000.00	
Economics building	76,350.00	
Electrical building	346,699.89	
Engineering building	50,000.00	
Forestry building	122,359.86	
Geodetic Observatory building	12,000.27	
Hart House (not appraised)	.....	
Household Science building	455,000.00	
Hygiene and Public Health building	852,682.40	
Library building	327,425.50	
McLennan Laboratory	363,945.85	
Mechanical building	119,017.21	
Medical building	200,000.00	
Men's Residences	217,670.04	
Military Studies building	46,975.16	
Mining building	384,736.89	
Mill building	229,972.52	
Ontario College of Education	703,390.67	
Press building	1.00	
Psychology buildings	22,333.26	
Simcoe Hall	399,055.10	
University College building	450,000.00	
University College Women's Union	70,059.19	
Women's Residences:		
Whitney Hall	487,988.37	
Hutton House	24,723.77	
No. 184 College Street	8,239.47	
No. 78 Queen's Park	161,775.00	
No. 86 Queen's Park	38,767.62	
St. George Street properties:		
Numbers 43	30,054.25	
45	39,079.67	
47	10,172.95	
49	25,007.51	
96	22,692.60	
98	16,708.84	
100	17,776.93	
104	22,498.27	
106	10,034.15	
	$8,961,792.26	
Less balance of purchase money yet to be paid on No. 104 St. George Street	7,150.00	
		$8,954,642.26
Library		745,364.32
Organ		24,000.00
Sundry Departmental Equipment		375,153.99
Furniture and Furnishings, various buildings		43,010.55
Arena		223,070.40
Athletic Field Stadium and equipment		11,817.88
Aura Lee Grounds and equipment (Ontario College of Education)		17,276.27
Gymnasium equipment		7,620.19
Surveying Practice Camp, Lutterworth Township, (land, $1,215, buildings, etc., $10,000)		11,215.00
David Dunlap Observatory (land, $41,750, buildings, $163,700, telescope, dome, etc., $225,000)		430,450.00
Connaught Laboratories (Farm, buildings and equipment)		81,500.00
Connaught Laboratories (Hygiene building plant)		1.00
Central Power Plant		1.00
Printing Plant		1.00
General Museum Specimens		1.00
Dining Hall equipment		1.00
Total valuation		$12,435,607.29

Return of 30th June, 1940			$12,416,523.48	
Additions thereto:				
No. 104 St. George St.				
Payment made on mortgage		$300.00		
Library proper:				
Value of addition of Books for 1940-41 reported by the Librarian	$41,993.13			
Less depreciation @ 3% on $768,416.82	23,052.50			
		18,940.63		
			19,240.63	
				$12,435,764.11

Contra

Women's Residences Furniture written down by application of credit from Sale of Wild Lands set apart for Women's Residences	156.82
Return of 30th June, 1941	$12,435,607.29

SCHEDULE 8

Unproductive Lands

U. C. C. block on King Street	$50,425.40	
Vacant land in Port Hope	8,045.00	
Endowment lands unsold in various townships	152.00	
(No transactions during year)		
Return of 30th June, 1941		$58,622.40

SCHEDULE 9

Leased Properties

Land leased to City of Toronto	$120,000.00	
Park lots leased (including Federated Colleges Sites)	335,992.20	
Toronto business properties	183,000.00	
Spadina Avenue houses (Nos. 719-721)	8,023.51	
Caradoc Farm	600.00	
		$ 647,615.71
Rentals and City of Toronto payment accrued	5,620.00	
Rentals past due	2,200.00	
		$ 7,820.00
		$655,435.71
Return of 30th June, 1940	$653,453.21	
Increase in rentals past due and accrued	1,982.50	
Return of 30th June, 1941		$ 655,435.71

SCHEDULE 10

Investments, Cash and Accounts Receivable

Dominion of Canada Bonds and guaranteed issues	$4,065,630.04	
Interest accrued	9,154.25	
		$ 4,074,784.29
Province of Ontario Bonds and guaranteed issues	$3,769,998.84	
Interest accrued	18,694.05	
		3,788,692.89
Other Government Bonds	$ 496,217.41	
Interest accrued	1,060.62	
		497,278.03
Municipal debentures	$ 525,170.47	
Interest accrued	1,601.30	
		526,771.77

University of Toronto debentures (guaranteed)		$ 414,916.97
Toronto Conservatory of Music debentures		196,098.71
Corporation debentures		35,386.00
Sundry stocks		108,539.62
Mortgage		2,200.00
Investments in trust for Banting Research Foundation		732,425.03
Loan to Athletic Association		30,000.00
Accounts Receivable:		
Photographic Service	$ 93.58	
Labour and Material	11,582.19	
Central Power Plant	30,981.12	
	$42,656.89	
Less Royal Ontario Museum balances and miscellaneous items at credit	29,596.77	
		13,060.12
Canadian Bank of Commerce, on deposit		129,326.03
		$10,549,479.46

Transactions, 1940-41

Inwards

Dominion, Provincial and other Government Bonds	$56,654.25	
Municipal debentures	16,514.39	
University of Toronto debentures	41,378.24	
Toronto Conservatory of Music debentures	2,898.00	
Banting Research Foundation Investments	5,095.05	
Withdrawals from Canadian Bank of Commerce	4,900,589.74	
		$ 5,023,129.67

Outwards

Dominion and Provincial Government Bonds	$526,455.50	
Municipal debentures	539.49	
Toronto Conservatory of Music debentures	326.96	
Banting Research Foundation Investments	5,226.52	
Deposits in Canadian Bank of Commerce	4,886,957.60	
Increase in accounts outstanding	2,496.19	
Increase in accrued revenue	291.41	
		5,422,293.67
		$ 399,164.00
Return of 30th June, 1940		10,150,315.46
Return of 30th June, 1941		$10,549,479.46

APPENDIX I.

Fees 1940-1941

Balance brought forward, 1939-40			$ 550.00
Total of fees collected, 1940-41			1,179,866.81
			$1,180,416.81
Distribution thereof:			
Sundry refunds during year			$ 7,346.30
Share of fees paid to the following:			
Hart House			42,778.50
Students' Administrative Council			16,063.00
University Athletic Fee			16,508.00
Medical Society			2,924.00
Dental Students' Parliament			1,800.00
Foresters' Club			130.50
Graduate Students' Union			410.00
University College Literary & Athletic Society			1,944.00
University College Women's Undergraduate Association			1,648.50
Medical Women's Undergraduate Association			116.00
Aerial Navigation Undergraduate Association			130.50
Occupational Therapy Undergraduate Association			98.00
Physiotherapy Undergraduate Association			72.00
Teachers' Course Association			667.00
Royal College of Dental Surgeons			2,235.00
St. Michael's College (Household Science)			70.00
Toronto Conservatory of Music			960.00
Hospitals:			
Toronto General	$9,025.00		
Toronto General (Burnside)	1,080.00		
		$10,105.00	
St. Michael's		1,490.00	
Sick Children's		1,695.00	
Toronto Western		1,025.00	
			14,315.00
Credited to Sundry Accounts:			
Ontario College of Education			63,442.13
University College Women's Union			2,255.00
School of Nursing			19,670.50
Institute of Child Study			4,332.40
Laboratory Deposits			24,346.32
Fees paid in advance for 1941-42			1,198.00
Balance to Revenue Account (Schedule 6a)			954,956.16
			$1,180,416.81

DETAILS OF FEES RECEIVED

	Arts	Commerce & Finance	Medicine	Applied Science	Dentistry	Educ. & Pedagogy	Forestry	Music	Household Science	Total
General Tuition	$161,100.77	$28,631.78	$197,448.00	$227,966.00	$58,250.25	$24,257.00	$6,586.00	$ 978.92	$7,314.00	$712,532.72
Graduate Courses			700.00							700.00
University Schools						32,916.08				32,916.08
Library School						3,910.00				3,910.00
Registration			305.00		100.00	360.00		1,280.00		2,045.00
Matriculation	499.00	30.00	35.00	100.00			5.00	20.00	10.00	699.00
Ad Eundem	150.00		180.00	60.00	160.00			70.00	220.00	840.00
Examinations	28,047.00	2,370.00	8,405.00	12,551.00	2,650.00	2,198.55	500.00	660.00	610.00	57,991.55
Degrees & Hon. Cert.	6,304.25	399.00	3,457.00	1,800.15	1,005.00	880.00	30.00	232.25	200.00	14,307.65
Laboratory Supplies	5,459.50	52.00								5,511.50
Library	16,769.00	1,638.00	5,236.00	6,874.00	1,575.00		301.00		322.00	32,715.00
Physical Education (Diploma)	1,062.00									1,062.00
Med. Exam. & Phy. Tr. (Men)	3,546.00	605.00	1,105.00	2,705.00	400.00		150.00		24.00	8,535.00
Med. Exam. & Phy. Tr. (Women)	942.00	12.00	72.00	12.00						1,038.00
Penalties	1,713.00	150.00	881.00	877.00	238.00		25.00	5.00	21.00	3,910.00
Laboratory Deposits	10,577.86		3,820.54	5,408.50	3,427.73				1,111.69	24,346.32
Women's Union	2,068.00	17.00		20.00		44.00			16.00	2,165.00
Women's Undergraduate Ass'n	1,603.50	15.00	116.00							1,734.50
Hart House	13,596.00	2,616.00	8,124.00	11,583.00	2,664.00	1,197.00	517.50			40,297.50
Students' Adm. Council	7,057.00	612.00	2,008.00	2,691.00	732.00	578.00	99.00		183.00	13,960.00
Athletic	7,053.00	684.00	2,208.00	2,927.00	726.00	869.00	131.00		137.00	14,735.00
Literary & Athletic Society	1,608.00	312.00								1,920.00
Medical Society			2,924.00							2,924.00
Dental Students' Parliament					1,800.00					1,800.00
Foresters' Club							130.50			130.50
	$269,155.88	$38,143.78	$237,024.54	$275,574.65	$73,727.98	$67,209.63	$8,475.00	$3,246.17	$10,168.69	$982,726.32

DETAILS OF FEES RECEIVED—Continued

	Post Graduate	University Extension	Social Science	Law	Physical & Health Educ.	Pharmacy	Veterinary Science	Agriculture	School of Nursing	Institute of Child Study	Total
Tuition	$24,283.99		$10,518.00	$156.00	$2,765.00	$15,000.00			$19,698.50	$4,397.40	$ 76,818.89
Summer Session:											
Tuition		10,593.00									10,593.00
Correspondence Courses		3,013.00									3,013.00
Teachers' Courses		17,204.00									17,204.00
Occupational Therapy		14,761.00									14,761.00
Physiotherapy		11,605.00									11,605.00
Aerial Navigation		9,589.85									9,589.85
Certificate Course in Business		1,313.00									1,313.00
Tutorial Courses		11,256.00									11,256.00
Short Courses:											
Accident Prevention		816.00									816.00
Canadian Economics and the War		663.00									663.00
Firemen		390.00									390.00
Marketing		1,256.00									1,256.00
Real Estate		545.00									545.00
Registration	2,277.00			10.00							2,287.00
Matriculation		25.00				380.00					405.00
Ad Eundem		65.00									65.00
Examinations	3,366.25	5,148.00	260.00	125.00	170.00	1,780.00	610.00	1,100.00	563.00		13,122.25
Degrees & Honour Cert.	2,193.00	882.00	200.00	30.00		760.00	580.00	1,100.00	460.00		6,205.00
Laboratory Supplies		110.00				95.00					205.00
Library	2,989.00	2,398.00	172.00	11.00	119.00				834.00		6,523.00
Med. Exam. & Phy. Tr. (Women)	4.00								24.00		28.00
Penalties		510.00	36.00	1.00	13.00	6.00			32.00		598.00
Women's Union	26.00	20.00	4.00		40.00						90.00
Women's Undergrad. Ass'n.					30.00						30.00
Hart House		537.00			72.00	1,872.00					2,481.00
Students' Adm. Council		769.00	302.00		34.00	726.00			272.00		2,103.00
Athletic		642.00	207.00		51.00	519.00			354.00		1,773.00
Literary & Athletic Society					24.00						24.00
Graduate Students' Union	410.00										410.00
Aerial Navig. Under. Ass'n.		130.50									130.50
Occupational Therapy Undergrad. Ass'n.		98.00									98.00
Physiotherapy Under. Ass'n.		72.00									72.00
Teachers' Course Ass'n.		667.00									667.00
	$35,549.24	$95,078.35	$11,699.00	$333.00	$3,318.00	$21,138.00	$1,190.00	$2,200.00	$22,237.50	$4,397.40	$197,140.49

CLASSIFICATION OF SERVICES

	Gross Receipts	Refunds	Other Deductions	Net Amount
Tuition, etc:				
Arts	$ 161,100.77	$2,483.00	.....	$158,617.77
Commerce & Finance	28,631.78	159.50	.....	28,472.28
Medicine	198,148.00	179.00	$ 14,315.00	183,654.00
Applied Science	227,966.00	905.80	.....	227,060.20
Dentistry	58,250.25	162.00	2,235.00	55,853.25
Education	30,725.55	185.00	30,540.55	.....
Education (University Schools)	32,916.08	14.50	32,901.58	.....
Forestry	6,586.00	12.00	.....	6,574.00
Music	978.92	.....	960.00	18.92
Household Science	7,314.00	.....	70.00	7,244.00
Post Graduate	24,283.99	159.00	.....	24,124.99
University Extension	83,004.85	1,461.00	.....	81,543.85
Social Science	10,518.00	50.00	.....	10,468.00
Law	156.00	.....	.....	156.00
Physical and Health Education	2,765.00	.....	.....	2,765.00
Pharmacy	15,000.00	.....	.....	15,000.00
School of Nursing	19,698.50	28.00	19,670.50	.....
Institute of Child Study	4,397.40	65.00	4,332.40	.....
Registration	3,972.00	.....	.....	3,972.00
Matriculation	1,104.00	6.00	.....	1,098.00
Ad Eundem	905.00	5.00	.....	900.00
Examinations	68,915.25	839.00	.....	68,076.25
Degrees & Honour Certificates	20,512.65	203.50	.....	20,309.15
Laboratory Supplies	5,716.50	40.00	.....	5,676.50
Library	39,238.00	110.00	.....	39,128.00
Physical Education Diploma	1,062.00	.....	.....	1,062.00
Med. Exam. & Phy. Tr. (Men)	8,535.00	50.00	.....	8,485.00
Med. Exam. & Phy. Tr. (Women)	1,066.00	.....	.....	1,066.00
Penalties	4,508.00	229.00	.....	4,279.00
Women's Union	2,255.00	.....	2,255.00	.....
Women's Undergrad. Assoc. Univ. Coll.	1,648.50	.....	1,648.50	.....
Women's Undergrad. Assoc. Medicine	116.00	.....	116.00	.....
Hart House	42,778.50	.....	42,778.50	.....
Students' Administrative Council	16,063.00	.....	16,063.00	.....
Athletic	16,508.00	.....	16,508.00	.....
Literary & Athletic Society	1,944.00	.....	1,944.00	.....
Medical Society	2,924.00	.....	2,924.00	.....
Dental Students' Parliament	1,800.00	.....	1,800.00	.....
Foresters' Club	130.50	.....	130.50	.....
Graduate Students' Union	410.00	.....	410.00	.....
Aerial Navigation Undergrad. Assoc.	130.50	.....	130.50	.....
Occupational Therapy Undergrad. Assoc.	98.00	.....	98.00	.....
Physiotherapy Undergrad. Assoc.	72.00	.....	72.00	.....
Teachers' Course Assoc.	667.00	.....	667.00	.....
Laboratory Deposits	24,346.32	.....	24,346.32	.....
	$1,179,866.81	$7,346.30	$216,916.35	$955,604.16

RECAPITULATION

University Fees proper	$1,012,792.04	$4,863.30	$216,916.35	$791,012.39
University College Fees proper	167,074.77	2,483.00	.....	164,591.77
Balance brought forward, 1939-40	550.00	.....	.....	550.00
	$1,180,416.81	$7,346.30	$216,916.35	$956,154.16
Less paid in advance for 1941-42	.....	.....	.....	1,198.00
				$954,956.16

APPENDIX II.

Revenue Expenditures 1940-41

	Appropriation	Supplementary	Unused	Total
I. Administration:				
1. Salaries	$115,500.00	.....	$ 7,470.75	$108,029.25
2. Pensions and Retiring Allowances	107,827.00	.....	1,951.45	105,875.55
3. President's Office	850.00	$ 54.65	.....	904.65
4. Bursar's Office	7,200.00	.....	545.37	6,654.63
5. Registrar's Office	6,600.00	.....	688.14	5,911.86
6. Superintendent's Office	4,700.00	1,702.99	.....	6,402.99
7. Convocation Hall and Simcoe Hall	12,490.00	.....	1,261.36	11,228.64
8. 86 Queen's Park	200.00	.....	189.86	10.14
	$255,367.00	$1,757.64	$12,106.93	$245,017.71
II. Library:				
9. Salaries	$ 58,930.00	.....	$ 1,125.84	$ 57,804.16
10. Maintenance	52,700.00	.....	760.86	51,939.14
11. Building	5,180.00	.....	300.88	4,879.12
	$116,810.00	.....	$ 2,187.58	$114,622.42
III. 12. Royal Ontario Museum	$ 80,000.00	.....	.....	$ 80,000.00
IV. Athletics, Physical Training, etc:				
13. Athletics and Physical Training—Men	$ 15,710.00	.....	$ 228.02	$ 15,481.98
14. Athletics and Physical Education—Women	6,550.00	.....	231.44	6,318.56
15. Health Service—Men	8,250.00	.....	275.57	7,974.43
16. Health Service—Women	4,900.00	.....	62.92	4,837.08
17. Military Studies (transferred to Arts)	.....	.....	.....	.....
18. Hart House (share of Maintenance)	7,200.00	$ 618.41	.....	7,818.41
19. Women's Building (44 Hoskin Ave.)	1,140.00	.....	214.56	925.44
20. Military Studies Buildings	.....	.....	.....	.....
	$ 43,750.00	$ 618.41	$ 1,012.51	$ 43,355.90
V. 21. Examinations	$ 19,700.00	.....	$ 1,895.31	$ 17,804.69
VI. Faculty of Arts:				
22. Salaries	$791,465.00	.....	$10,112.03	$781,352.97
23. Mathematics	600.00	.....	331.20	268.80
24. Applied Mathematics	600.00	.....	6.23	593.77
25. Physics	9,350.00	.....	687.95	8,662.05
26. Astronomy	2,600.00	.....	190.60	2,409.40
27. Geology	1,300.00	.....	298.05	1,001.95
28. Mineralogy	1,720.00	.....	225.03	1,494.97
29. Chemistry	15,700.00	.....	1,485.66	14,214.34
30. Biology	6,800.00	.....	175.23	6,624.77
31. Botany	5,100.00	$ 118.80	.....	5,218.80
32. History	1,200.00	.....	107.67	1,092.33
33. Anthropology	25.00	.....	8.53	16.47
34. Archaeology	200.00	.....	.68	199.32
35. Fine Art	750.00	25.55	.....	775.55
36. Geography	300.00	.....	21.46	278.54
37. Political Economy	2,550.00	.....	174.45	2,375.55
38. Law	150.00	.....	11.14	138.86
39. Philosophy	150.00	.....	43.73	106.27
40. Psychology	4,750.00	.....	90.52	4,659.48
41. Italian and Spanish	225.00	.....	1.01	223.99
42. Military Studies (transferred from Athletics, etc.)	60.00	.....	17.69	42.31
43. University College Departments	550.00	.....	111.40	438.60
44. University College General Expenses	1,450.00	.....	80.25	1,369.75

Revenue Expenditures, 1940-41—Continued

	Appropriation	Supplementary	Unused	Eaton, Rockefeller and Wallberg Funds	Total
45. University College Bldg.	$ 12,325.00	.....	$ 1,245.21	.....	$ 11,079.79
46. McLennan Laboratory (Physics)	7,125.00	.....	1,099.87	.....	6,025.13
47. Chemical Building	5,050.00	.....	732.15	.....	4,317.85
48. Biological Building	8,075.00	.....	193.89	.....	7,881.11
49. Botany Building	6,325.00	.....	1,357.83	.....	4,967.17
50. Baldwin House (History)	3,080.00	.....	87.84	.....	2,992.16
51. No. 43 St. George St.	1,155.00	.....	239.17	.....	915.83
52. No. 45 St. George St. (Law)	1,545.00	.....	268.63	.....	1,276.37
53. No. 47 St. George St. (Applied Mathematics)	1,190.00	.....	478.34	.....	711.66
54. Economics Building	10,700.00	.....	503.80	.....	10,196.20
55. Psychology Buildings	4,975.00	.....	1,386.39	.....	3,588.61
56. David Dunlap Observatory	4,000.00	.....	748.08	.....	3,251.92
57. Military Studies Building (transferred from Athletics, etc.)	2,600.00	.....	90.00	.....	2,510.00
58. 184 College Street	1,350.00	.....	258.52	.....	1,091.48
	$917,090.00	$ 144.35	$22,870.23	.....	$894,364.12
VII. Faculty of Medicine:					
59. Salaries	$279,914.00	.....	$9,187.93	$70,384.99	$341,111.06
59(a) Post Graduate Courses	.....	$ 695.00	.....	.....	695.00
60. Anatomy	5,400.00	.....	1,350.56	.....	4,049.44
61. Pathology and Bacteriology	7,725.00	.....	1,984.78	.....	5,740.22
62. Pathological Chemistry	2,250.00	.....	24.73	.....	2,225.27
63. Pharmacy and Pharmacology	2,300.00	.....	122.63	.....	2,177.37
64. Bio-chemistry (including Zymology)	4,600.00	.....	157.30	.....	4,442.70
65. Physiology	3,150.00	920.23	.....	.....	4,070.23
66. Hygiene and Preventive Medicine	3,246.00	82.47	.....	.....	3,328.47
67. Medicine	.....	.....	.....	2,621.58	2,621.58
68. Paediatrics	.....	.....	.....	1,417.44	1,417.44
69. Surgery	1,450.00	57.61	.....	.....	1,507.61
70. Obstetrics and Gynaecology	550.00	.....	229.19	.....	320.81
71. Ophthalmology	500.00	.....	337.38	.....	162.62
72. Oto-Laryngology	300.00	.....	275.40	.....	24.60
73. Therapeutics	300.00	.....	6.86	.....	293.14
74. Psychiatry	50.00	.....	49.30	.....	.70
75. Medical Jurisprudence	.....	.....	.....	.....	.....
76. Radiology	1,000.00	.....	.....	.....	1,000.00
77. Art Service	4,420.00	.....	.49	.....	4,419.51
78. General Expenses	4,150.00	.....	301.18	.....	3,848.82
78(a) Physical and Health Education	.....	546.62	.....	.....	546.62
79. Medical Building	8,750.00	.....	1,130.36	.....	7,619.64
80. Banting Institute	24,050.00	.....	349.71	.....	23,700.29
81. Anatomical Building	5,345.00	.....	1.35	.....	5,343.65
82. Hygiene Building	10,900.00	.....	684.31	.....	10,215.69
	$370,350.00	$2,301.93	$16,193.46	$74,424.01	$430,882.48
VIII. School of Hygiene:					
83. Salaries	.....	.....	.....	$33,570.60	$ 33,570.60
84. Maintenance	.....	.....	.....	2,862.22	2,862.22
				$36,432.82	$ 36,432.82

Revenue Expenditures, 1940-41—Continued

	Appropriation	Supplementary	Unused	Eaton, Rockefeller and Wallberg Funds	Total
IX. Faculty of Applied Science:					
85. Salaries	$292,586.00	.....	$ 6,794.74	.....	$285,791.26
86. Electrical Engineering	3,100.00	$ 88.05	.....	.....	3,188.05
87. Mechanical Engineering	2,600.00	.....	1,057.34	.....	1,542.66
88. Civil Engineering: Municipal and Structural	1,250.00	.....	309.63	.....	940.37
89. Civil Engineering: Surveying and Geodesy	4,325.00	.....	377.36	.....	3,947.64
90. Mining Engineering	3,050.00	.....	209.14	.....	2,840.86
91. Metallurgical Engineering	1,195.00	.....	.78	.....	1,194.22
92. Chemical Engineering & Applied Chemistry	8,300.00	.....	463.60	.....	7,836.40
93. School of Architecture	905.00	.....	270.34	.....	634.66
94. Engineering Drawing	550.00	.....	106.70	.....	443.30
95. Applied Physics	1,600.00	.....	51.38	.....	1,548.62
96. General Expenses	2,700.00	.....	369.83	.....	2,330.17
97. Photographic Service	8,650.00	.....	708.59	.....	7,941.41
98. Mining Building (including Mill Building)	11,700.00	.....	299.62	.....	11,400.38
99. Engineering Building	6,465.00	.....	706.82	.....	5,758.18
100. Electrical Building (including Mechanical Bldg. and Wind Tunnel)	7,675.00	.....	192.97	.....	7,482.03
101. Geodetic Observatory Building	500.00	.....	80.89	.....	419.11
	$357,151.00				
Of which chargeable to Wallberg Fund	7,000.00				
	$350,151.00	$ 88.05	$11,999.73	$ 7,000.00	$345,239.32
X. Faculty of Dentistry:					
102. Salaries	$ 85,277.00	.....	$ 12.81	.....	$ 85,264.19
103. Laboratory and Infirmary Supplies, etc.	23,000.00	.....	3,084.08	.....	19,915.92
104. General Expenses	2,250.00	.....	48.45	.....	2,201.55
105. Dental Building	13,900.00	.....	1,334.17	.....	12,565.83
	$124,427.00	.....	$ 4,479.51	.....	$119,947.49
XI. Faculty of Household Science:					
106. Salaries	$ 28,350.00	.....	$ 32.00	.....	$ 28,318.00
107. Household Science	3,175.00	.....	69.83	.....	3,105.17
108. Food Chemistry	1,900.00	.....	69.65	.....	1,830.35
109. General Expenses	2,000.00	.....	26.14	.....	1,973.86
110. Household Science Bldg	5,550.00	.....	348.71	.....	5,201.29
	$ 40,975.00	.....	$ 546.33	.....	$ 40,428.67
XII. Faculty of Forestry:					
111. Salaries	$ 23,900.00	.....	$ 65.00	.....	$ 23,835.00
112. Maintenance	1,950.00	.....	621.44	.....	1,328.56
113. Forestry Building	2,435.00	.....	370.75	.....	2,064.25
	$ 28,285.00	.....	$1,057.19	.....	$ 27,227.81
XIII. Faculty of Music:					
114. Salaries	$ 3,750.00	$ 145.83	.....	.....	$ 3,895.83
115. Maintenance	300.00	.....	$ 205.11	.....	94.89
116. Special Grant to Toronto Conservatory of Music	10,000.00	.....	.....	.....	10,000.00
	$ 14,050.00	$ 145.83	$ 205.11	.....	$ 13,990.72

Revenue Expenditures, 1940-41—Continued

	Appropriation	Supplementary	Unused	Eaton, Rockefeller and Wallberg Funds	Total
XIV. School of Graduate Studies:					
117. Salaries	$ 4,200.00	.....	.....	.....	$ 4,200.00
118. Maintenance	575.00	.....	$ 65.98	.....	509.02
	$ 4,775.00	.....	$ 65.98	.....	$ 4,709.02
XV. School of Nursing:					
119. Salaries	$ 21,740.00				
120. Special Teaching	4,960.00				
121. School Maintenance	1,900.00				
122. Residence Maintenance	15,700.00	$ 421.32	.....	$42,219.96	$ 50,141.28
123. Contingencies	1,000.00				
124. Building, No. 7 Queen's Park	5,700.00				
	$ 51,000.00				
Less Rockefeller grant, etc.	43,500.00	.....	.....	.....	.....
	$ 7,500.00	$ 421.32	.....	$42,219.96	$ 50,141.28
XVI. Social Science:					
125. Salaries	$ 13,750.00	.....	$ 70.00	.....	$ 13,680.00
126. Maintenance	1,025.00	.....	71.33	.....	953.67
	$ 14,775.00	.....	$ 141.33	.....	$ 14,633.67
XVII. University Extension and Publicity:					
127. Salaries	$ 17,750.00	.....	$ 629.16	.....	$ 17,120.84
128. Extension and Publicity Departments	39,400.00	$25,948.70	.....	.....	65,348.70
	$ 57,150.00	$25,948.70	$ 629.16	.....	$ 82,469.54
XVIII. Men's Residences:					
129. Maintenance of Buildings	$ 16,865.00	.....	$ 528.88	.....	$ 16,336.12
XIX. Women's Residences and Union:					
130. Maintenance of Buildings	$ 10,700.00	.....	$ 391.85	.....	$ 10,308.15
131. Housekeeping Account	58,225.00	.....	4,926.99	.....	53,298.01
	$ 68,925.00	.....	$ 5,318.84	.....	$ 63,606.16
XX. 132. Central Power Plant	$164,500.00	.....	$ 8,593.30	.....	$155,906.70
XXI. Miscellaneous and General:					
133. Central Stores	$ 4,350.00	.....	.....	.....	$ 4,350.00
134. Grounds	20,900.00	.....	$ 501.06	.....	20,398.94
135. Protective Service	18,350.00	.....	1,118.45	.....	17,231.55
136. Telephones	14,400.00	.....	1,289.22	.....	13,110.78
137. Insurance	25,000.00	.....	1,358.01	.....	23,641.99
138. Law costs	1,000.00	.....	286.05	.....	713.95
139. Taxes	7,500.00	.....	.....	.....	7,500.00
140. Auditor's fees	3,000.00	$ 1,000.00	.....	.....	4,000.00
141. Travelling expenses	3,200.00	.....	1,304.76	.....	1,895.24
142. Receptions to Societies and University Visitors	3,000.00	.....	1,684.67	.....	1,315.33
143. Convocation expenses	600.00	.....	249.22	.....	350.78
144. Publications and Societies	4,250.00	.....	264.41	.....	3,985.59
145. Senate Elections	.....	.....	.....	.....	.....
146. Bursaries	15,000.00	.....	15.00	.....	14,985.00
147. Contingencies	20,000.00	.....	18,191.53	.....	1,808.47
147(a) Cost per Student Survey	.....	.....	.....	.....	.....
	$140,550.00	$ 1,000.00	$26,262.38	.....	$115,287.62

Revenue Expenditures, 1940-41—Continued

	Appropriation	Supplementary	Unused	Eaton, Rockefeller and Wallberg Funds	Total
XXII. 148. Capital Account Charges	$119,653.00	.....	$ 500.00	.....	$119,153.00
XXIII. Special Research:					
149. Departmental Appropriations	$ 18,300.00	.....	$ 394.95	.....	$ 17,905.05
150. Banting and Best	10,000.00	.....	.....	.....	10,000.00
	$ 28,300.00	.....	$ 394.95	.....	$ 27,905.05

RECAPITULATION

	Appropriation	Supplementary	Unused	Eaton, Rockefeller, and Wallberg Funds	Total
I. Administration	$ 255,367.00	$ 1,757.64	$ 12,106.93	.....	$ 245,017.71
II. Library	116,810.00	.....	2,187.58	.....	114,622.42
III. Royal Ontario Museum	80,000.00	.....	.....	.....	80,000.00
IV. Athletics, Physical Training, etc.	43,750.00	618.41	1,012.51	.....	43,355.90
V. Examinations	19,700.00	.....	1,895.31	.....	17,804.69
VI. Faculty of Arts	917,090.00	144.35	22,870.23	.....	894,364.12
VII. Faculty of Medicine	370,350.00	2,301.93	16,193.46	$ 74,424.01	430,882.48
VIII. School of Hygiene	.....	.....	.....	36,432.82	36,432.82
IX. Faculty of Applied Science	350,151.00	88.05	11,999.73	7,000.00	345,239.32
X. Faculty of Dentistry	124,427.00	.....	4,479.51	.....	119,947.49
XI. Faculty of Household Science	40,975.00	.....	546.33	.....	40,428.67
XII. Faculty of Forestry	28,285.00	.....	1,057.19	.....	27,227.81
XIII. Faculty of Music	14,050.00	145.83	205.11	.....	13,990.72
XIV. School of Graduate Studies	4,775.00	.....	65.98	.....	4,709.02
XV. School of Nursing	7,500.00	421.32	.....	42,219.96	50,141.28
XVI. Social Science	14,775.00	.....	141.33	.....	14,633.67
XVII. University Extension and Publicity	57,150.00	25,948.70	629.16	.....	82,469.54
XVIII. Men's Residences	16,865.00	.....	528.88	.....	16,336.12
XIX. Women's Residences and Union	68,925.00	.....	5,318.84	.....	63,606.16
XX. Central Power Plant	164,500.00	.....	8,593.30	.....	155,906.70
XXI. Miscellaneous and General	140,550.00	1,000.00	26,262.38	.....	115,287.62
XXII. Capital Account Charges	119,653.00	.....	500.00	.....	119,153.00
XXIII. Special Research	28,300.00	.....	394.95	.....	27,905.05
	$2,983,948.00	$32,426.23	$116,988.71	$160,076.79	$3,059,462.31
Cost per Student Survey returned to Revenue account	.....	.....	1,180.77	.....	1,180.77 Cr.
	$2,983,948.00	$32,426.23	$118,169.48	$160,076.79	$3,058,281.54
			32,426.23		
	85,743.25		$ 85,743.25		
Charged to Revenue	$2,898,204.75				
Charged to Eaton, Rockefeller, and Wallberg Funds	160,076.79				
Total Expenditure as above	$3,058,281.54				

I. ADMINISTRATION

1. Salaries

(All salaries, except where otherwise stated, are for 12 months to 30th June, 1941)

President's Office

Hon. H. J. Cody, LL.D., President	$14,750.00	
Secretary to the President:		
Miss A. MacGillivray, from 1 December at $2,000.00 (paid also also $145.83 as Secretary, Faculty of Music and $833.34 as Assistant, Registrar's Office)	1,166.67	
Miss A. W. Patterson, 5 mos. at $2,750.00; on leave of absence at $2,500.00 from 1 December; (paid also $250.00 in Faculty of Music)	2,604.17	
Leonard Smith, Messenger, bonus for additional services (paid also $1,200.00 as Bedel and Attendant)	100.00	
		$ 18,620.84

Bursar's Office

C. E. Higginbottom, Bursar and Secretary to the Board of Governors	$ 5,200.00	
Accounts Branch:		
Accountants:		
J. A. Gair, General Funds	2,300.00	
G. L. Court, at $2,300; on war service from October	975.59	
Miss E. Crookshanks, Investment Clerk	1,150.00	
Bookkeepers:		
H. E. McBride, 5 mos. at $1,200; 7 mos. at $1,500	1,375.00	
H. Pouwels	1,200.00	
J. R. Prince, at $1,100; on war service; contribution to Pension Fund	27.50	
Temporary Bookkeepers:		
W. U. Macfarlane, from 11 November at $100 per mo.	766.67	
W. J. Duthie, from 18 November at $100 per mo.	743.33	
M. Holditch, at $12 and $14 per week	708.33	
Miss E. Long, Appropriations Ledger Clerk	1,650.00	
Assistant Appropriations Ledger Clerks:		
Miss R. Mahood	1,100.00	
Miss V. Whitehead	900.00	
Clerks:		
Miss J. H. Branton	1,400.00	
Miss F. M. Quinlivan	900.00	
Miss J. L. Berry, Stenographer	900.00	
Fees Branch:		
Miss E. B. Goodwin, Chief Clerk	2,200.00	
G. M. Grant, Cashier	1,650.00	
Record Clerks:		
Miss F. J. Rorke	950.00	
Mrs. Edith M. Hardy, at $1,150; resigned 31 January	670.83	
Miss B. Johnson, from 17 February at $15 per week	287.50	
Secretarial Branch:		
Miss M. Burns, Secretary to the Bursar	2,000.00	
Miss E. W. Link, Assistant, ob. 25th April; salary for May and June, paid to Father	950.00	
Miss M. Austin, Pensions Clerk	1,650.00	
Miss D. W. Haggart, Assistant Pensions Clerk	900.00	
Miss J. Davidson, Clerk	800.00	
		$ 33,354.75

Registrar's Office

A. B. Fennell, Registrar	$ 5,100.00	
A. T. Laidlaw, Assistant Registrar	4,200.00	

Assistants:			
Miss A. MacGillivray, at $2,000; transferred to President's Office from 1 December		$ 833.34	
Miss E. Hargreaves		1,950.00	
Miss I. E. Fraser		1,350.00	
Graduates Register:			
Clerks:			
Miss B. G. VanAllen		1,500.00	
Miss M. F. Thompson		1,500.00	
Miss R. D. Wythe		1,000.00	
Miss J. L. Stephens		950.00	
Miss J. E. Woods, at $950 from 1 December		554.17	
Miss M. E. Smith, at $800; resigned 31 August		133.34	
Clerks:			
Miss A. S. Meen		1,700.00	
Miss M. M. Lavell		1,100.00	
Miss E. M. Sharpe, Secretary to the Registrar		1,700.00	
Stenographers:			
Miss E. M. Fasken		1,500.00	
Miss D. Woods		1,000.00	
Miss G. Lawrenson, Stenographer and Clerk, from 1 September, at $12 per week		518.00	
Filing Clerk:			
A. Mackie, at $12 and $13.50 per week; resigned 12 March		452.25	
J. D. Fetherston, from 10 March at $12 per week		194.00	
			$ 27,235.10

Superintendent's Office

A. D. LePan, Superintendent of Buildings and Grounds		$ 6,500.00	
W. H. Bonus, Assistant Superintendent, at $4,500; on war service from November		2,330.00	
Assistants:			
G. D. Maxwell, $3,500; bonus for extra services at $400 from 1 December		3,733.34	
E. G. Moogk, at $2,800; on war service from July		530.82	
J. Shortreed, at $2,800 and bonus for extra service at $300 for December; on war service from January		1,969.66	
W. L. D. Carnie, Chief Clerk		2,400.00	
Miss M. D. Chisholm, Stenographer		1,400.00	
Clerks:			
Miss E. Nicklin		1,400.00	
Miss A. K. Wynn		1,400.00	
Miss R. M. Rankin		1,000.00	
Miss M. E. Lee		900.00	
Miss M. R. LeGrow		900.00	
Miss R. E. Cannon, at $1,100; resigned 7 September		204.74	
			$ 24,668.56

Miscellaneous

J. B. Bickersteth, Warden, Hart House, at $4,500; on leave of absence on full salary, but paid from 1 January by Department of National Defence (Army); salary for 6 mos		$2,250.00		
Honoraria in recognition of extra services:				
J. R. Gilley	$500.00			
W. R. Cowan	200.00			
		700.00		
			$ 2,950.00	
Leonard Smith, Bedel, also Attendant and Messenger, President's Office (paid also in President's Office)			1,200.00	
				$ 4,150.00
				$108,029.25

2. Pensions and Retiring Allowances

University's contribution to Pension Funds for the year ending 30 June, 1941:				
Remitted to Teachers' Insurance and Annuity Association, New York, for credit of retiring allowances funded there (original contributory plan)			$36,063.78	
Less paid by Toronto Conservatory of Music			100.00	
				$ 35,963.78
Credited to Academic Pension Fund (formerly non-contributory plan)				32,000.00
Credited to Employees' Pension Fund (Administrative and Clerical Employees)				27,835.04
Sundry annual allowances (voted separately and not chargeable to above Funds)—paid as detailed below:				
Sir Robert Falconer		$10,000.00		
Less payable from:				
Carnegie Foundation	$ 995.00			
Academic Pension Fund	1,405.00			
		2,400.00		
			$ 7,600.00	
Dr. F. A. Mouré		$ 3,600.00		
Less payable from:				
Carnegie Foundation	$1,305.00			
Academic Pension Fund	1,743.27			
		3,048.27		
			551.73	
H. H. Langton			500.00	
D. J. Clark			250.00	
Widow's allowances:				
Mrs. M. Hope Gillespie			900.00	
Mrs. Christian Lynn			375.00	
				10,176.73
				$105,975.55

3. President's Office

Office supplies, postage, printing and incidentals:		
President H. J. Cody, sundry disbursements	$ 70.64	
Office Specialty Mfg. Co., transfer cases, folders, etc.	13.60	
Postage	45.00	
Robbins and Townsend, typewriter inspection	6.00	
University Press, printing and stationery	769.41	
		$ 904.65

4. Bursar's Office

Office supplies, postage, printing and incidentals ($3,953.20):		
Burroughs Adding Machine Co., ribbons, rolls, service	$ 46.72	
Bernard Cairns Ltd., daters, rubber stamps, repairs	17.14	
Eastern Association of Colleges and University Business Officers, membership dues	10.00	
Grand and Toy Ltd., binders, indexes, cheques	157.25	
Might Directories Ltd., City Directory	32.40	
Miller Floral Supply, funeral wreath	10.00	
Office Specialty Mfg. Co., folders, transfer cases, chairs	151.83	
Postage	550.00	
Robbins and Townsend, ribbons, typewriter inspections	58.80	
Underwood Elliott Fisher Ltd., 4 typewriters, $675.15; less allowance on 4 old machines, $119.00; repairs, paper, ribbons, $67.29	623.44	
L. E. Waterman Co., Sinograph	220.00	
University Press, printing and stationery	1,767.13	
Accounts under $10 (3)	5.10	
The Bursar, Sundry disbursements:		
Meals for Staff, overtime work, $125.50; accountant, allowance for use of car, banking, $75.00; exchange on cheques and postal notes, $5.32; sundries, $4.24; Less credit on exchange, $23.43	186.63	
The Bursar, travelling expenses to Washington, annual meeting of Eastern Association of College and University Business Officers, $80.51; to University of Michigan, to obtain information re treatment of Funds, Business Machines, Equipment, Hospitalization and Medical Services, $22.60	103.11	
Superintendent's Dept., labour	13.65	

Clerical Assistance ($1,347.50):		
Miss M. W. Donovan, 5 weeks, 1 day	$ 77.50	
Miss G. J. Haight, 52 weeks, 1 day	604.00	
Mrs. I. McCormick, 37 weeks	666.00	
Stamp taxes and bank service charges	1,353.93	
		$ 6,654.63

5. Registrar's Office

Stationery and office supplies $2,646.66):		
American Medical Association, directory	$ 22.04	
P. E. Hyde, subscription to daily papers	27.00	
Might Directories Ltd., city directory, $43.20 less $10.00 for sale of old directory to Library	33.20	
Mimeograph Co., ink, pads, stencils, etc.	43.48	
Murdock Stationery, carbon paper	37.50	
Office Specialty Mfg. Co., folders, cards, etc.	165.97	
Postage	1,442.84	
Robbins and Townsend, typewriter inspections	15.60	
Students' Administrative Council, Torontonensis	16.00	
E. G. Taylor, adding machine inspection	16.50	
University Press, printing and stationery	753.35	
Accounts under $10 (5)	28.67	
The Registrar, sundry disbursements	14.81	
Superintendent's Dept., freight, $7.16; labour, $17.73; material, $4.81	29.70	
Clerical Assistance ($658.40):		
Miss G. Lawrenson, 9 weeks	108.00	
Mrs. L. Lloyd, 35 hours	21.00	
John J. Mantley, 2 weeks, 1 day	32.50	
Miss J. Maxwell, 22 weeks, 1 day	332.50	
Mrs. M. E. Monkhouse, 5 weeks, 61½ hours	126.90	
C. S. W. Proctor, 2½ weeks	37.50	
Roll of Service ($486.00):		
Miss J. G. Maxwell, 24 weeks	360.00	
Miss J. E. Woods, 7 weeks	126.00	
Printing, including Arts Calendar, curricula and cost of Directory ($2,722.49):		
University Press:		
Calendar, curricula, etc.	1,750.49	
Students' Directory	972.00	
	$ 6,513.55	
Less credits: Proceeds from sale of Students' Directory $490.97		
Proceeds from sale of material 56.37		
Minister of Education, Province of Ontario to cover cost of matriculation examinations 54.35		
	601.69	
		$ 5,911.86

6. Superintendent's Office

Office supplies, postage, printing and incidentals ($1,842.68):		
Brown Bros. Ltd., ledger, indexes	$ 22.96	
Bernard Cairns Ltd., rubber stamps, ink	23.13	
R. G. Dalton Co., blue prints	30.86	
Grand & Toy Ltd., binder, covers, ledger sheets	29.70	
McMillan Publishing Co., Weekly Tariff Intelligence	25.00	
Office Specialty Mfg. Co., chairs, transfer cases	64.55	
Photographic Service Dept., blue prints	13.47	
Postage, $270; Revenue Stamps, $12	282.00	
Provincial Treasurer of Ontario, auto license	10.00	
Remington Rand, adding machine inspection	28.75	
Robbins and Townsend, typewriter inspection, ribbons	69.80	
Salem's Garage, auto repairs	58.95	
University Extension Dept., stencils, paper	15.60	
Visible Records Ltd., ledger sheets	17.15	
Young Bros., filing boxes	27.00	
University Press, printing, binding, stationery	939.47	
Accounts under $10 (8)	38.34	
The Superintendent, sundry disbursements	27.05	
Superintendent's Dept., freight, $.82; labour $34.38; material, $83.70	118.90	

Incidental expenses re work on buildings:		
Labour	$ 119.41	
Drafting Assistance:		
A. H. Taylor, 52 weeks	1,727.50	
Clerical Assistance ($2,713.40):		
Miss B. Burr, 6 weeks, 4 days	90.00	
A. J. Butlin, 7 weeks, 5 days	274.18	
Miss B. Hart, 51½ weeks	812.17	
Miss E. Henry, 13 weeks	175.50	
Miss A. Jarvis, 3 weeks, 2 days	42.75	
Miss C. Macklem, 2 weeks, 1 day	29.25	
Miss I. Maloney, 2 days	4.50	
Miss L. Marseilles, 5 weeks, 2 days	72.00	
R. R. Moffat, 4 weeks	220.00	
W. J. Robson, 23 weeks, 1 day	926.67	
Miss M. Speers, 2 weeks, ½ day	28.13	
Miss I. M. Stewart, 2 days	4.50	
Miss M. I. Thorne, 2 weeks, 3 days	33.75	
		$ 6,402.99

7. Convocation Hall and Simcoe Hall

Heat and Light	$ 4,389.30	
Gas, $59.60; water, $76.72	136.32	
Caretaker's supplies ($539.75):		
University Press, ink, paper, directory	6.37	
Superintendent's Dept., material	533.38	
Cleaning ($5,311.37):		
Allen Mfg. Co., laundry	36.91	
Baker Carpet Cleaning Co., carpet cleaning	14.20	
White Window Cleaning Co., window cleaning	31.50	
Mrs. A. Yates, overtime services	26.50	
Superintendent's Dept., labour	5,202.26	
Repairs and renewals ($1,876.96):		
Wm. Bartlett & Son, awnings, recovered	52.30	
Dustbane Products Ltd., electric floor polisher	220.50	
Provincial Treasurer of Ontario, public hall license	10.00	
W. E. Routery, repairs	54.85	
Accounts under $10 (7)	37.46	
Superintendent's Dept., labour, $1,136.85; material, $365.00	1,501.85	
Acting Postmaster and Chief Messenger:		
H. R. Cheney, 12 months	1,450.00	
Messenger and Post Office Service ($2,107.99):		
Messengers at $8.50 to $17.00 a week:		
J. Monkhouse, 52 weeks	912.34	
W. Sherman, 26 weeks	267.00	
G. Hillis, 29 weeks, 4 days	256.64	
J. Wilson, 23 weeks, 4 days	225.00	
H. Collins, 19 weeks, 5 days	176.73	
Wm. Lee, 11 weeks, 3 days	101.46	
G. Prince, 5 weeks, 3 days	49.91	
A. Prince, 5 weeks, 2 days	48.68	
G. Hall, 5 days	7.50	
C. Reid, 3½ days	5.73	
Carfares	57.00	
	$15,811.69	
Less heat and light charged to Central Power Plant $4,389.30		
Credit for cleaning, etc. 193.75	4,583.05	
		$ 11,228.64

8. 86 Queen's Park

Repairs and renewals:		
Brooks Marble & Tile Co., repairs	$ 8.95	
Superintendent's Dept., material	1.19	
		$ 10.14
		$245,017.71

II. LIBRARY

9. Salaries

W. S. Wallace, Librarian (paid also $350 in Ontario College of Education)	$ 5,500.00	
Miss H. G. B. Woolryche, Assistant Librarian (paid also $75 in Ontario College of Education)	2,500.00	
Heads of Departments:		
Miss M. L. Newton, Circulation (paid also $25 in Ontario College of Education)	2,250.00	
Miss E. V. Bethune, Cataloguing	2,150.00	
Miss A. M. Cordingley, Periodical	1,850.00	
Assistants:		
Miss E. Aldridge	1,700.00	
Miss E. Creighton	1,700.00	
Miss J. Jarvis	1,650.00	
Miss J. Rathbun	1,600.00	
Miss M. H. Skinner	1,600.00	
Miss A. Leonard	1,500.00	
Miss I. Trowern	1,500.00	
Miss E. L. Alexander	1,450.00	
Miss D. Dignum	1,450.00	
Miss M. L. Hewitt	1,450.00	
Miss K. Ball	1,400.00	
Miss V. A. Taylor	1,400.00	
Miss D. Tod	1,400.00	
Miss E. Cook	1,350.00	
Miss K. Wales	1,350.00	
Miss G. Williams	1,350.00	
Miss R. Haldenby (paid also $22 for Extension Work)	1,300.00	
Miss M. Robinson	1,300.00	
Miss F. E. Bertram	1,250.00	
Miss J. MacBeth	1,250.00	
Miss M. Rose	1,250.00	
Miss M. Thompson	1,250.00	
Miss E. Heighington	1,200.00	
Miss V. I. Keys	1,200.00	
Miss E. Wilson	1,200.00	
Miss H. C. Wrightman	1,200.00	
Miss M. H. Buchan (part time)	550.00	
Miss I. C. Hill at $1,350 (on leave of absence without salary from 1 September—resigned 30 June)	225.00	
Assistants (incomplete year) at $1,200:		
Miss J. Cox (resigned 15 December)	550.00	
Miss E. Pepall, from 16 December	650.00	
Miss R. McRostie (resigned 31 January)	700.00	
Miss M. R. Read, from 1 February	500.00	
Miss H. Troop (resigned 8 September)	226.67	
Miss J. Arnold, from 9 September	973.33	
J. A. Patterson, Attendant (with rooms, heat and light valued at $420 as caretaker of building—paid also $3.50 for overtime)	1,200.00	
Stackmen:		
Stanley South	780.00	
W. Fryer	600.00	
Messengers:		
H. S. Cheney, 40 weeks, 4 days at $8.00 per week	326.66	
H. Lloyd, 2 weeks, 3 days at $9.00 per week	22.50	
		$ 57,804.16

10. Library Maintenance

General Library Appropriation (Current Account):

Books and Periodicals ($31,404.69):		
Academy Book Store	$ 27.85	
Edward G. Allen & Son	7,351.09	
Thos. Allen	88.90	
American Chemical Society	76.72	

American Dental Association	$ 67.32
American Documentation Institute	28.03
American Eugenics Society	61.69
American Institute of Mining and Metallurgical Engineers	48.37
American Institute of Physics	25.25
American Journal of Physiology	33.58
American Library Association	37.88
American Mathematical Society	32.10
American Medical Association	151.04
American Numismatic Society	101.85
American Psychological Association	47.85
American Society for Metals	37.14
American Society for Testing Metals	28.77
G. H. Arrow	29.58
Baker & Taylor Co.	3,174.15
Baker Voorhis & Co.	39.31
Biological Abstracts	28.03
B. H. Blackwell & Co.	99.08
A. Bonnier Publishing House	79.09
R. R. Bowker	89.45
Braus-Riggenbach	80.93
K. B. Buchberger	241.43
Burroughs & Co. (Eastern) Ltd.	35.00
Butterworth & Co.	54.23
Cambridge University Press	106.19
Canada Law Book Co.	111.90
Carswell & Co.	1,821.54
Citizens' Research Institute of Canada	25.00
Arthur H. Clark Co.	104.74
Clarke, Irwin & Co.	566.32
College Art Association	79.40
Wm. Collins Sons & Co.	25.11
Copp Clark Co.	31.46
Custodian of Enemy Property (9 accounts)	456.86
Wm. Dawson Subscription Service	275.59
J. M. Dent and Sons	38.29
G. Ducharme	115.05
Engineering Index Inc.	55.78
F. W. Faxon	1,397.68
Franz C. Feger	443.19
Foreign and International Book Co. Inc.	178.93
John Forsyth	75.20
W. J. Gage & Co.	37.12
Globe Printing Co.	27.00
Goodspeed Book Shop	84.17
John Grant	48.30
Gurney and Jackson	120.14
A. Hoen & Co.	28.03
Dora Hood's Book Room	97.70
Houghton Mifflin Co.	38.43
James C. Howgate	75.47
H. S. Jackson	70.00
Johns Hopkins Press	27.85
Journal of Biological Chemistry	27.75
Journal Press	64.66
W. P. M. Kennedy	311.00
Librairie E. Droz	27.53
J. B. Lippincott	30.69
Longmans Green & Co.	194.22
McAinsh & Co.	421.01
McClelland & Stewart	100.43
McGraw-Hill Book Co.	629.24
Geo. J. McLeod	124.47
MacMillan Co. of Canada	1,482.51
Medical Library Association	33.58
J. M. Mitchell	66.88
Modern Language Association of America	38.87
Pierpont Morgan Library	28.03
C. V. Mosby Co.	43.89
Musson Book Co.	227.53
National Bureau of Economic Research Inc.	32.78
Thos. Nelson & Son	258.03

New York Times		$ 30.99
New York Times Index		228.14
F. E. Nuttall		750.00
Ophthalmic Publishing Co.		31.36
Pan-American Union		29.60
Poor's Publishing Co.		55.78
Princeton University Press		47.93
Walter Romig & Co.		35.85
Ryerson Press		396.57
S. J. R. Saunders		176.91
Rudolf Schick		204.90
G. Schmidt		26.69
John D. Sherman, Jr.		30.70
Simpkin Marshall Ltd.		1,514.33
G. E. Stechert & Co.		395.45
Stevens & Sons		32.28
Chas. C. Thomas		43.06
University of Chicago Press		145.33
Robert B. Verner		50.00
James T. White		240.32
John Wiley & Sons Inc.		314.38
Williams & Wilkins Co.		216.04
H. W. Wilson Co.		224.95
Wilston Bureau		26.73
Wistar Institute of Anatomy & Biology		155.17
Yale University Press		72.79
University Press		620.55
Accounts under $25 (367)		2,355.94
Superintendent's Dept., customs excise		50.70
General Expenses ($12,403.08):		
Allen Mfg. Co., laundry		23.07
American Documentation Institute, bibliofilm		11.28
American Library Association, cards		10.24
Canadian Fairbanks Morse, scale		34.50
Canadian Pacific Railway Co., telegrams		10.51
Librarian of Congress, cards		184.84
Lowe-Martin Co., cards, book pockets		759.68
Mimeograph Co., ink, stencils, paper		37.20
Munson Supply Co., speed keys		13.00
Office Specialty Mfg. Co., truck, cabinet, cupboard, transfer cases		197.15
Ontario Library Book Co.. binding, binders		49.48
Photographic Service Dept., photostats		16.70
Postage		327.66
Registrar's Office, year old city directory		10.00
Remington Rand, cards, typewriter repairs		17.80
Robbins and Townsend, typewriter maintenance		150.20
Tippet-Richardson, storage, cartage		14.80
University Press, binding, directories, printing, stationery		9,038.86
Accounts under $10 (4)		25.94
Superintendent's Dept., freight, $1,341.66; labour, $98.03; material, $30.48		1,470.17
		$43,807.77
Less replacement of books lost by departments		53.28
		$43,754.49
Of which charged to sundry funds as follows:		
Carnegie Library, University College	$124.59	
Dental, Harry R. Abbott Fund	444.55	
Ann Laidlaw Donation	46.31	
King Alfred Millenary Fund	30.88	
John Squair Fund No. 2	87.75	
Phillips Stewart Bequest	9.92	
William Lowell Putnam Prize Fund	425.76	
		1,169.76
		$42,584.73

Transactions by Librarian:			
Balance in his hands 1 July, 1940, $100.00; credited from fines, $656.35; replacement of books lost, $65.36; miscellaneous, $6.80; graduates' deposits, $925.34	$1,753.85		
Deposits refunded, $614.40; miscellaneous $5.54	619.94		
	$1,133.91		
Transferred to Trust Funds (Schedule 3) balance of graduates' deposits	310.94		
Credited to this account		822.97	
			$ 41,761.76
Assistance—($9,513.67):			
At $40 to $90 per month:			
Miss J. Arnold		$ 160.00	
Miss J. Bartley		40.00	
Miss M. Bealey		304.52	
Miss I. Brand		117.42	
Miss E. Brunke		397.33	
Miss M. Carson		795.44	
Arthur Custance		164.84	
Mrs. E. Dobson		277.32	
Miss F. English		1,080.00	
Miss C. Grantham		200.04	
Miss M. Harding		428.20	
Miss B. Harrison		349.19	
Jas. Hickling		34.99	
Miss M. Holloway		657.37	
Miss B. Kingston		77.84	
Miss M. McLarty		587.87	
Miss C. Nisbett		617.37	
Miss M. O'Brien		36.09	
Miss E. Pepall		240.33	
Miss R. Read		333.50	
Miss I. Saunders		576.00	
Miss M. Slater		617.37	
Mrs. D. Stacey		446.45	
Miss D. Wachsmuth		521.26	
Miss Joan Woodcock		321.93	
At 50c per hour:			
Miss E. Cook		27.50	
Miss M. Harrison		38.00	
Miss C. Rous		40.00	
Miss M. Strachan		25.50	
		$ 9,513.67	
Less credits		94.20	
		$ 9,419.47	
The foregoing $9,419.47 charged as follows:			
Opening Library in evenings	$7,155.82		
Special grant for re-classification	2,263.65		
			9,419.47
Alterations and fixtures:			
Office Specialty Mfg. Co., shelving		$ 450.00	
Superintendent's Dept., labour $230.46; material, $77.45		307.91	
			757.91
			$ 51,939.14

11. Library Building

Heat and light	$ 4,088.64	
Gas, $49.70; water, $78.46	128.16	
Fuel:		
Halliday Bros.	25.14	
Caretaker's supplies:		
Superintendent's Dept., material	394.37	

Cleaning ($2,015.19):			
Allen Mfg. Co., laundry		$ 14.90	
High Park Window Cleaners		35.00	
J. A. Patterson, overtime		3.50	
Superintendent's Dept., labour		1,961.79	
Repairs and Renewals ($2,335.91):			
Wm. Bartlett and Son, shades		15.11	
Canadian Power Regulator Co., thermostat		26.19	
City Treasurer, elevator license		5.00	
Johnson Temperature Regulator Co., repairs to control		22.11	
Superintendent's Dept., labour, $1,666.48; material, $601.02		2,267.50	
Caretaker, with living quarters valued at $420 (paid from Salaries as Library Attendant)		.....	
		$ 8,987.41	
Less heat and light charged to Central Power Plant	$4,088.64		
Sale of Caretaker's supplies	19.65		
		4,108.29	
			$ 4,879.12
			$114,622.42

III. 12. ROYAL ONTARIO MUSEUM

University's share of maintenance advanced to the Trustees of the Royal Ontario Museum under R.S.O. 1937, Cap. 343	$ 80,000.00

IV. ATHLETICS, PHYSICAL TRAINING, ETC.

13. Athletics and Physical Training—Men

(a) Salaries:		
T. A. Reed, Secretary, Athletic Directorate	$ 5,700.00	
W. A. Stevens, Director of Physical Education (paid by Athletic Association)	.....	
Gymnasium Instructors:		
W. H. Martin, also Supervisor of Compulsory Physical Training, 10 mos.	2,700.00	
J. E. McCutcheon, also Supervisor of Intramural Activities, 10 mos.	2,600.00	
C. Zwygard, 7 mos.	1,100.00	
H. Phillips, 5 mos.	400.00	
W. W. Winterburn, Swimming Instructor, 10 mos.	2,600.00	
Part-time Instructors (Sessional):		
M. Glionna, Boxing	250.00	
G. Daly, Wrestling	200.00	
J. F. Shimidzu, Jiu-Jitsu	50.00	
Locker Attendants:		
W. Rimmer, Chief Locker and Attendance Clerk (paid also from Special Funds)	2,100.00	
J. R. Rimmer, 33 weeks (paid also from Special Funds)	660.00	
C. Carruthers, 32 weeks	640.00	
A. Jordan, 30 weeks	450.00	
C. Rimmer (temporary)	34.81	
L. Parkin (temporary)	15.00	
Miss K. Boyd, Clerical Assistant, 10 mos.	850.00	
	$20,349.81	
Less Secretary's salary, paid by Athletic Association	5,700.00	
		$ 14,649.81
(b) Maintenance of Department:		
Attendance records, card system ($110.32):		
D. Gestetner, (Canada) Ltd., stencils, ink, etc.	$ 14.76	
Thomas and Corney, typewriter repairing	20.00	
Postage	6.25	
University Press, cards, directories, printing	69.31	

Gymnastic appliances and repairs to equipment ($721.85):		
American Tent and Awning Co., punching bag repairs	$ 13.00	
Eastern Scale Repair Works, scale repairs	13.00	
T. Eaton Co., fencing equipment	60.07	
John A. Madsen Mfg. Co., adjustable bar, box horse	74.50	
L. Parkin, apparatus repairs	15.00	
John B. Smith & Sons, take off boards	18.50	
Toronto Radio & Sports Ltd., nets, balls, instructor's trousers, etc.	45.84	
Jack Watson Sports, bats, balls	78.59	
Harold A. Wilson, mat cover, nets, balls, sweaters	313.95	
Accounts under $10 (7)	34.28	
Superintendent's Dept., labour $29; material, $26.12	55.12	
		$ 832.17
		$ 15,481.98

14. Athletics and Physical Education—Women

(a) Salaries:		
Miss I. G. Coventry, Physical Director, resigned 30 June	$ 2,000.00	
Miss J. M. Forster, Assistant Director (Sessional; paid also $200 for Extension work)	1,500.00	
Miss E. A. Edwards, Swimming Instructor (Sessional; paid also $100 for Extension work)	1,200.00	
Mrs. Margaret Graham, Clerical and Gymnasium Assistant (Sessional; paid also $400 in Ontario College of Education and $40 for Extension work)	300.00	
Miss A. E. M. Parkes, Secretary-Treasurer, Women's Athletic Directorate (Sessional; paid also $900 by Students' Administrative Council)	350.00	
		$ 5,350.00
(b) Maintenance of Department:		
Sundry expenses ($418.81):		
Allen Mfg. Co., laundry	$ 30.17	
Archery Craft, bows, arrows, targets, etc.	37.00	
Miss I. G. Coventry, piano rental	21.00	
Mrs. M. Graham, pianist, 250 hrs.	250.00	
Trinity College, use of St. Hilda's College tennis courts	21.00	
University Press, directories, printing, stationery	33.61	
Accounts under $10 (4)	7.95	
Superintendent's Dept., labour, $12.14; material, $5.94	18.08	
Janitor service at night classes ($50.25):		
A. J. Maycock	50.25	
	$ 469.06	
Less received for use of towels at swimming pool	50.50	
		$ 418.56
(c) Course for diploma in Physical Education:		
Honoraria to Instructors:		
D. Y. Solandt (paid also in Physiology)	$ 150.00	
H. D. Ball (paid also in Anatomy)	150.00	
Miss K. I. McMurrich (paid also in Anatomy)	150.00	
Mrs. S. Baker	50.00	
Mrs. M. Graham (paid also in Arts and O.C.E.)	50.00	
		$ 550.00
		$ 6,318.56

15. Health Service—Men

(a) Salaries:		
G. D. Porter, Director; retired 30 June	$ 5,250.00	
J. M. Thomas, Office Assistant, 8 mos.	1,000.00	
		$ 6,250.00

(b) Maintenance of Department:		
Examining Physicians ($1,100.00):		
H. A. Burnett	$ 100.00	
W. R. Caven	100.00	
T. A. Crowther	100.00	
C. B. Farrar	100.00	
K. E. Ferrie	100.00	
E. S. Jeffery	100.00	
A. G. McPhedran	200.00	
S. J. N. Magwood	100.00	
A. Taylor	100.00	
W. Young	100.00	
Consultants ($60.00):		
Ross Jamieson	20.00	
J. Oille	20.00	
D. E. Robertson	20.00	
Surgical Assistance and equipment ($400.00):		
F. J. Lewis	200.00	
H. P. Thomas	200.00	
Medical and Office supplies, printing, including X-ray examinations ($164.43):		
J. F. Hartz Co., medical supplies	125.98	
University Press, printing and stationery	10.66	
Accounts under $10 (6)	25.69	
Superintendent's Dept., material	2.10	
		$ 1,724.43
		$ 7,974.43

16. Health Service—Women

(a) Salaries:		
Dr. Jean F. Davey, Medical Adviser	$ 2,400.00	
Dr. Jessie A. McGeachy, part-time Assistant (paid also $120 for Extension work)	1,000.00	
Miss M. B. Jackes, Office Assistant, 8 mos.	1,200.00	
		$ 4,600.00
(b) Maintenance of Department:		
Allen Mfg. Co., laundry	$ 11.74	
Lake Simcoe Ice & Fuel Co., refrigerator	47.43	
T. Eaton Co., materials, slip covers, rad top, etc.	16.30	
Ingram and Bell, medical supplies	28.55	
Office Specialty Mfg. Co., cabinet	37.60	
Owl Drug Store, medical supplies	34.18	
Sani-tread Co., paper slippers	17.50	
University Press, printing, stationery	21.01	
Accounts under $10 (4)	10.80	
Superintendent's Dept., labour, $1.50; material, $10.47	11.97	
		$ 237.08
		$ 4,837.08

17. Military Studies (transferred to Arts)

18. Hart House—Share of Maintenance

Heat and light		$19,738.85	
Cleaning etc., of gymnasium wing:			
Comptroller, Hart House		4,197.26	
Repairs and renewals ($6,621.15):			
City Treasurer, elevator licenses		15.00	
Downtown Welding, hot water tank		353.30	
Nichols Chemical Co., ammonia		40.19	
Accounts under $10 (2)		6.60	
Superintendent's Dept., labour, $4,449.20; material, $1,756.86		6,206.06	
		$30,557.26	
Less heat and light charged to Central Power Plant	$19,738.85		
Hart House share of maintenance deducted from fees collected	3,000.00		
		22,738.85	
			$ 7,818.41

19. Women's Building—44 Hoskin Ave.

Fuel ($270.74):		
Halliday Bros.	$ 270.36	
Superintendent's Dept., labour	.38	
Gas, $10.94; electric current, $49.29; water, $8.00	68.23	
Caretaker's supplies:		
Superintendent's Dept., material	35.01	
Cleaning and Furnaceman ($352.33):		
Allen Mfg. Co., laundry	1.70	
New York Window Cleaning Co.	5.00	
A. Worthy, 7 days	1.17	
D. Harrison, 233 days	53.26	
Superintendent's Dept., labour	291.20	
Repairs and Renewals ($199.13):		
R. Simpson Co., chairs	50.40	
Superintendent's Dept., labour, $114.59; material, $34.14	148.73	
		$ 925.44
		$ 43,355.90

V. 21. EXAMINATIONS

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Ainslie, D. S.	$ 11.25			$ 11.25
Alford, E. J. G.	5.25			5.25
Allcut, E. A.	11.50			11.50
Anderson, J. M.	5.25			5.25
Anderson, P. G.	13.50			13.50
Andison, J. G.		$ 21.00		21.00
Angus, R. W.	31.75			31.75
Anthes, R. G.			$ 12.00	12.00
Armour, R. G.	57.80			57.80
Armstrong, H. G.	50.00			50.00
Arnold, R. K.	35.50			35.50
Arthur, E. R.	1.75			1.75
Assie, G. L.		21.00		21.00
Auld, F. C.	12.00			12.00
Baillie, D. C.	5.25			5.25
Baillie, W. H. T.	5.50	39.00		44.50
Bain, A. F.	19.50			19.50
Bain, J. W.	10.75			10.75
Baker, A. W.	11.50			11.50
Balthazard, Miss I. G.	12.50	33.00		45.50
Banks, E. A. H.	5.75			5.75
Banting, E. W.	5.50			5.50
Barclay, T. B.	12.75			12.75
Barker, A. E.	20.75	24.00		44.75
Bayly, B. de F.	5.25			5.25
Beal, G. P.	5.25			5.25
Beatty, S.	11.50			11.50
Bell, H. G.	14.37			14.37
Bennett, H.	2.75			2.75
Bernhardt, K. S.	6.25			6.25
Berry, Miss D. F. J.	3.80			3.80
Best, C. H.	11.00			11.00
Birney, A. E.	11.75	21.00		32.75
Blackwood, W. C.	24.00			24.00
Bladen, V. W.	9.75			9.75
Boeschenstein, H.	6.25	24.00		30.25
Bondy, Rev. L. J.	2.50			2.50
Boswell, M. C.	19.00			19.00
Bott, E. A.	11.00			11.00
Bowen, A. J.			1.50	1.50
Boyd, Miss Gladys	2.50			2.50
Boyd, Wm.	12.75			12.75
Brady, A.	5.25			5.25
Branion, H. D.	22.25			22.25
Breckenridge, J. G.	5.75		15.00	20.75
Brett, G. S.	5.25			5.25
Brieger, P.	7.88	21.00		28.88
Broadfoot, Miss B.		6.00		6.00
Brodie, Miss J. B.	2.75			2.75
Brooks, E. F.	45.00			45.00
Brown, Alan	2.50			2.50
Brown, E. K.	5.00			5.00
Brown, G. W.	6.75			6.75
Brown, W. T.	6.25			6.25
Bryant, L. R.	21.50			21.50
Buchanan, M. A.	10.50			10.50
Burk, J. D.	15.75			15.75
Burnham, H. H.	45.00			45.00
Burt-Gerrans, J. T.	18.75			18.75
Cairns, G.	24.75			24.75
Cameron, G. C.	45.00			45.00
Campbell, A. A.	45.00			45.00
Campbell, W. R.	32.00			32.00
Canfield, Alan	2.50			2.50
Cano, J.	1.67	24.00		25.67
Carleton, W.			28.50	28.50

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Carscadden, W. G.	$ 45.00			$ 45.00
Carswell, W. E.		$ 12.00		12.00
Carver, H. S. M.	5.25		$ 6.00	11.25
Cass-Beggs, D. N.		15.00		15.00
Cates, H. A.		45.00		45.00
Cavanagh, W. D.	9.25			9.25
Chant, S. N. F.	5.25			5.25
Chapman, Miss D. M.	4.25			4.25
Clark, C. C.	34.00			34.00
Clark, R. M.		15.00	1.50	16.50
Clarkson, F. A.	16.25			16.25
Clawson, W. H.		38.40		38.40
Cleaver, E. E.	45.00			45.00
Cleghorn, R. A.	19.25			19.25
Coburn, Miss K. H.	25.00			25.00
Cockburn, J. R.	11.00			11.00
Cole, Miss A. C.	6.75	33.00		39.75
Cole, C. E. C.	45.00			45.00
Cole, F. L.	16.25			16.25
Conboy, F. J.	30.38			30.38
Cook, Miss A. L.	11.50			11.50
Corrigan, C. A.	5.75			5.75
Cosbie, W. G.	71.50			71.50
Cosens, G. G.		15.00		15.00
Cosgrave, Rev. F. H.	5.25			5.25
Couch, J. H.	45.00			45.00
Courtice, H. A.			16.50	16.50
Cowling, T.	81.50			81.50
Cox, M. A.	23.50			23.50
Craigie, E. H.		24.00		24.00
Crerar, S. R.	5.25			5.25
Crocker, B. F.	6.25			6.25
Crouch, S. S.	44.50			44.50
Dafoe, C. S.		21.00		21.00
Dale, E. A.	5.50			5.50
Danis, J. T.	45.00			45.00
Dauphinee, J. A.	88.00			88.00
Davey, A.	21.00			21.00
Davis, H. M.			27.00	27.00
Dawson, R. M.	12.00			12.00
de Beaumont, V.	2.50			2.50
De Lury, D. B.	5.50			5.50
Detweiler, H. K.	33.75			33.75
De Witt, N. W.	5.25			5.25
Dillick, Sidney			1.50	1.50
Dodington, E. L.			27.00	27.00
Dore, Rev. J. W.	10.25			10.25
Drake, T. G. H.	2.50			2.50
Drummond, W. M.	18.75			18.75
Duff, T. A. J.	61.85			61.85
Dulmage, L.	10.50			10.50
Dunbar, W. B.	5.50	27.00		32.50
Duvernet, G.			34.50	34.50
Dwight, T. W.		15.00		15.00
Ebbs, J. H.	2.50			2.50
Edison, G.		21.00		21.00
Edwards, G. R.			19.50	19.50
Edwards, H. E.	2.50			2.50
Elliott, H. C.	7.45			7.45
Endicott, N. J.		21.00		21.00
Evans, Rev. K. C.	2.63			2.63
Falconer, J. G.	50.00			50.00
Farquharson, R. F.	90.25			90.25
Farrar, C. B.	33.50			33.50
Ferguson, F. L.	6.75			6.75
Fidlar, E.	5.75			5.75
Fidler, Miss N. D.		3.00		3.00
Findlay, J. C.			25.50	25.50
Finkelman, Jacob	5.25			5.25

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Firth, D. A.			$ 13.50	$ 13.50
Fischer, J. B.	$ 5.50			5.50
Ford, Dr. Norma H. C.	11.00			11.00
Fowler, W. J. R.	19.50			19.50
Franks, Dr. R. M.	5.25			5.25
Fraser, Miss J. A.			36.00	36.00
Fraser, W. C. G.	5.25		28.50	33.75
Fulmer, H. L.	10.50			10.50
Funnell, W. S.	6.75			6.75
Gaby, R. E.	45.00			45.00
Gallie, W. E.	5.50			5.50
Gardiner, W. J.	11.50			11.50
George, Ruggles K.	5.88	$ 6.00		11.88
Glazebrook, G. P. de T.	5.00			5.00
Glover, J. S.	39.00			39.00
Godfrey, R. J.	15.75			15.75
Goggio, E.	11.47	24.00		35.47
Goudge, T. A.	5.50			5.50
Gould, S. H.		3.00		3.00
Graham, J. W.	45.00			45.00
Graham, R. R.	51.75			51.75
Grant, J. C. B.	36.50			36.50
Grant, R. R.	10.00			10.00
Gray, K. G.	11.15			11.15
Greey, P. H.	6.75			6.75
Griffith, B. A.	5.25	24.00		29.25
Guess, G. A.	19.25			19.25
Gunvaldsen, K. M.	27.75			27.75
Haehnel, W. F.			1.50	1.50
Haist, R. E.	5.25			5.25
Hamblin, G. P.	2.50			2.50
Hamilton, D. E.	5.25			5.25
Hamilton, F. C.	45.00			45.00
Hamilton, F. W.	6.75			6.75
Hamly, D. H.		24.00		24.00
Hancock, J. E. M.	9.50			9.50
Hancock, M. L.	6.75			6.75
Hare, F. A.	24.25	18.00		42.25
Hargreaves, Miss M. M.		36.00	78.00	114.00
Hargreaves, Peter			67.50	67.50
Harris, C. W.	45.00			45.00
Harris, R. I.	15.00			15.00
Hart, A. P.	2.50			2.50
Hart, C. W. M.	7.00	24.00		31.00
Havelock, E. A.		24.00		24.00
Hawke, Wm.	2.50			2.50
Hayward, J. R.			27.00	27.00
Heard, J. F.	11.00			11.00
Hedman, T.	5.25			5.25
Helwig, C. E.			15.00	15.00
Henderson, D. N.	5.00			5.00
Henderson, V. E.	15.35			15.35
Henderson, V. L.	8.50			8.50
Hepburn, John	89.75			89.75
Heringa, Miss L.	3.37			3.37
Hewer, W. A. M.			16.50	16.50
Hillier, R. G.			3.00	3.00
Holman, W. L.	6.00			6.00
Hosie, R. C.	5.25	21.00		26.25
Houpert, J. A.	14.25	21.00		35.25
Howard, Mrs. L. R.		9.00		9.00
Howitt, J. E.	16.50			16.50
Howland, G. W.	45.00			45.00
Hughes, F. N.	31.50			31.50
Hunter, A.	6.75			6.75
Hurst, R. O.	99.75			99.75
Ide, F. P.	6.00			6.00
Ingle, R. T.	19.50			19.50
Ireton, H. J. C.		3.00		3.00

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Irvine, O. R.	$ 6.75			$ 6.75
Jackson, K. B.	5.75			5.75
Janes, R. M.	50.00			50.00
Jeanneret, F. C. A.	5.00			5.00
Jones, T. H.	5.50			5.50
Joos, M.		$ 24.00		24.00
Keegan, R.	7.25			7.25
Keith, John	2.50			2.50
Kendall, E. W.	3.38			3.38
Kennedy, W. P. M.	14.75			14.75
Kenrick, F. B.	10.25			10.25
Kerswill, C. J.			$ 27.00	27.00
Ketchum, J. D.	9.75			9.75
Kilburn, L. A.	8.12			8.12
King, J. T.	5.75			5.75
Knox, R. G.	9.00			9.00
Kreutzer, J.	32.70			32.70
Krieger, Miss C. C.	19.25			19.25
Krueger, L. F.	30.75			30.75
Kuitunen, Mrs. E.			33.00	33.00
Lacey, A.	2.50	24.00		26.50
Laidlaw, R. E.	5.50			5.50
Laing, Miss J. C.		12.00		12.00
Laird, R. C.	50.00			50.00
Langford, R. R.		21.00		21.00
Lauchland, L. S.	5.00			5.00
Layng, J.			6.00	6.00
Lazier, M. J. C.	34.75			34.75
Ledoux, Mme. J.		33.00	10.50	43.50
Legget, R. F.	5.25			5.25
Lehmann, A. J. V.	11.75			11.75
Le Mesurier, A. B.	45.00			45.00
Leslie, C. W.		21.00		21.00
Lewis, C.	5.00			5.00
Lewis, E. P.	27.25			27.25
Lewis, F. I.	32.75			32.75
Lick, Mrs. Mary F.		18.00	22.50	40.50
Lindsley, Miss D. M.	1.75			1.75
Logan, H. A.	12.50			12.50
Lorriman, F. R.	5.25			5.25
Loudon, J. D.	45.00			45.00
Lougheed, Miss A.	23.75	3.00		26.75
Low, D. M.	19.75			19.75
Lowry, W. H.	45.00			45.00
Luke, R. F. W.	45.00			45.00
Lynch, Dr. L. E.		21.00		21.00
McArdle, Miss E.	3.13			3.13
MacArthur, J. W.	2.88			2.88
MacCallum, H. R.	1.75			1.75
McCullough, W. S.	14.00	90.00		104.00
McCurdy, W. J.	9.00			9.00
McDermott, L. A.	6.75			6.75
Macdonald, E. W.	6.00			6.00
MacDonald, Miss M. D.		30.00		30.00
Macdonald, W. C.	6.50			6.50
McDougall, D. J.	8.50			8.50
McGahey, Rev. J.	10.50			10.50
MacGillivray, J. R.	18.00			18.00
McGilvray, C. D.	39.00			39.00
McIlwraith, T. F.	10.50			10.50
McIntosh, R. A.	28.50			28.50
McIntosh, W. G.	21.75			21.75
McIntyre, R. B.	11.00			11.00
MacKay, L. A.	5.25	24.00		29.25
MacKenzie, D. E.	24.25			24.25
MacLachlan, J. D.	14.50			14.50
McLaughlin, R. R.	7.00			7.00
McLean, E. E.	16.25			16.25
MacMillan, Sir Ernest	25.00			25.00

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
McMurrich, Miss K. I.	$ 5.88			$ 5.88
McPhedran, W. F.	45.00			45.00
Macpherson, C. B.	6.25			6.25
McRostie, G. P.	14.50			14.50
McTaggart, H. A.	5.25			5.25
Madill, H. H.	1.75	$ 6.00		7.75
Magner, Wm.	6.75			6.75
Maltby, E. J.	45.00			45.00
Marks, B.			$ 4.50	4.50
Martin, W. H.	8.75			8.75
Meek, T. J.	5.75			5.75
Meen, V. B.		27.00		27.00
Mendelsohn, N.			30.00	30.00
Misener, A. D.	5.25	18.00		23.25
Mitchell, C. H.	6.00			6.00
Moffatt, R. C.	38.75			38.75
Molinaro, G.			24.00	24.00
Montgomery, E.	13.50			13.50
Montgomery, R. J.		42.00		42.00
Morgan, E. A.	2.50			2.50
Morley, Miss S. G.		27.00		27.00
Morrison, C. F.	13.75			13.75
Mortimer, Miss N.		3.00		3.00
Mueller, Miss V. E.		30.00		30.00
Muckle, Rev. J. T.	5.25			5.25
Murray, Rev. W. H.	6.75			6.75
Myers, C. R.	15.00			15.00
Neal, G. M.			21.00	21.00
Newcombe, J. A.	5.25			5.25
Ogryzlo, M. A.			4.50	4.50
Oille, John A.	12.80			12.80
Okulitch, V. J.	2.88			2.88
O'Malley, Miss I.	6.25			6.25
O'Toole, Rev. W. B.	2.75			2.75
Owen, T.	90.00			90.00
Ozburn, R. H.	17.50			17.50
Panabaker, D. D.		6.00		6.00
Parker, C. B.	33.75			33.75
Parker, J. H.	12.75		4.50	17.25
Parkes, Miss A. E. M.		30.00		30.00
Parks, A. E.	25.75			25.75
Parsons, A. L.	21.50			21.50
Paul, E. W.	43.75			43.75
Peacock, M. A.	5.25			5.25
Phair, J. T.	19.50			19.50
Phelan, Rev. G. B.	5.75			5.75
Philpot, F. W.			6.00	6.00
Plummer, Miss H. C.	5.25			5.25
Pounder, I. R.	9.75			9.75
Pratt, E. J.	19.50			19.50
Pratt, Mrs. V. L.		42.00		42.00
Prendergast, D. J.	45.00			45.00
Price, H. W.	12.75			12.75
Price, Dr. R. Margarite		27.00		27.00
Quinlan, Miss F. M.	10.75			10.75
Rae, J. J.	18.00			18.00
Raithby, G. E.	21.25			21.25
Reaman, G. E.	16.25			16.25
Reed, Miss E. J.		6.00		6.00
Reid, J. E.	12.75			12.75
Richards, G. E.	5.75			5.75
Richardson, S. M.	5.25			5.25
Ricker, E. A.			16.50	16.50
Ridell, R. G.		24.00		24.00
Riddle, Miss W. C.	6.00	105.00		111.00
Risdon, F. E.	8.12			8.12
Robertson, D. E.	45.00			45.00
Robinson, D. A. F.		24.00		24.00
Robinson, G. de B.	15.00			15.00

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Robinson, T. A.	$ 90.00			$ 90.00
Robinson, W. L.	11.15			11.15
Rolph, F. W.	45.00			45.00
Rook, J. L.			$ 169.50	169.50
Rouillard, C. D.	2.50	$ 21.00		23.50
Rowan, J. P. A.			27.00	27.00
Rowe, T. L.	5.00		19.50	24.50
Rubin, L. J.			9.00	9.00
Ruhnke, G. N.	14.38			14.38
Russell, L. S.	5.25			5.25
Ryder, Miss V. L.			27.00	27.00
Ryerson, E. S.	73.38			73.38
Satterly, J.	6.00			6.00
Saunders, R. M.	11.75	24.00		35.75
Schofield, F. W.	5.50			5.50
Scott, D. P.			6.00	6.00
Scott, Dr. P. L.	31.50			31.50
Scott, T. N.	18.25			18.25
Scott, Wm. A.	45.00			45.00
Secord, W. E.	20.00			20.00
Selby, D. L.	6.70			6.70
Shanks, G.	6.75			6.75
Shaw, J. E.	7.88			7.88
Sheldon, J. M.	14.75			14.75
Shenstone, N. S.	46.85			46.85
Shepherd, A. L.		30.00		30.00
Sheppard, N. E.	5.25			5.25
Shields, H. J.	5.00			5.00
Shilton, Miss R.	5.75			5.75
Shook, L. K.	5.00			5.00
Signori, E.			27.00	27.00
Silverthorne, Nelles	2.50			2.50
Sissons, C. B.	11.75			11.75
Smallfield, H. A.	6.75			6.75
Smith, C. G.	19.25	30.00		49.25
Smith, E. A.	10.75			10.75
Smith, George	2.50			2.50
Smith, G. H.	5.25			5.25
Smith, I. W.			15.00	15.00
Smith, Leo	124.15			124.15
Smith, L. E.			28.50	28.50
Smith, Miss M. D.	2.75			2.75
Smith, R. E.	3.13			3.13
Smith, V. G.	16.25			16.25
Smither, W. J.		3.00		3.00
Snelling, C. E.	2.50			2.50
Snyder, E. S.	26.00			26.00
Solin, C. D.			40.50	40.50
Spence, J. J.		90.00		90.00
Spragge, G. W.			25.50	25.50
Sproule, W. H.	6.75			6.75
Staples, M. W.	14.50			14.50
Staples, W. E.	5.75	24.00		29.75
Stubbs, Miss C. E. M.			31.50	31.50
Sullivan, Rev. B.	7.25			7.25
Tait, M. D. C.		21.00		21.00
Tayler, N. H.			33.00	33.00
Taylor, Griffith	18.00			18.00
Taylor, J.	7.25			7.25
Taylor, T. M. C.	9.50			9.50
Taylor, W. R.	16.75			16.75
Thompson, H. A.	2.63			2.63
Thompson, Dr. Margaret			4.50	4.50
Thompson, R. W.	7.25			7.25
Thomson, E.		12.00		12.00
Thomson, J. Ellis	2.88			2.88
Thomson, S. A.	45.00			45.00
Tisdall, F. F.	2.50			2.50
Tom, Dr. Mary		9.00		9.00

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Toomer, J. E.		$ 15.00		$ 15.00
Townsend, G. F.	$ 11.00			11.00
Treadgold, W. M.	5.25	12.00		17.25
Trethewey, W. H.	12.00	24.00		36.00
Tuffy, Miss C.	5.75			5.75
Turrall, W. T.		36.00		36.00
Uehle, A. T.			$ 49.50	49.50
Van Wyck, H. B.	19.25			19.25
Vigder, J. S.			46.50	46.50
Waddell, Miss M. E. G.	21.75	27.00		48.75
Walker, Miss E. I.	1.75			1.75
Walker, E. M.	2.88			2.88
Walters, J. A.	45.00			45.00
Wardell, A.	5.25	12.00		17.25
Wasteneys, H.	22.00			22.00
Waters, E. T.	5.25			5.25
Watson, M. B.	22.50			22.50
Watt, J. C.	6.00			6.00
Weatherburn, A. S.			12.00	12.00
Weir, J. R.	17.75			17.75
Welsh, W. K.	5.75			5.75
Westerman, Miss I.			1.50	1.50
Wetmore, F. E. W.	24.00			24.00
White, J. H.	5.50			5.50
Whitley, Miss I. H.			15.00	15.00
Wilkinson, F. R.	45.00			45.00
Will, J. S.	2.50			2.50
Willan, Healey	102.90			102.90
Willard, Miss A. C.	7.75			7.75
Williams, C. H. M.	20.00			20.00
Wilson, G. E.	50.00			50.00
Winnett, F. V.	8.13	36.00		44.13
Wiren, R. C.	16.50	15.00		31.50
Wishart, D. E. S.	45.00			45.00
Wishart, Dr. F. O.	5.50			5.50
Wolfe, S. E.		21.00		21.00
Woodhouse, A. S. P.	.75			.75
Woodside, M. St. A.		24.00		24.00
Wookey, H. W.	45.00			45.00
Workman, Miss G. W.			1.50	1.50
Wright, W. J. T.	5.75			5.75
Wurts, G. W.			7.50	7.50
Wynne, A. M.	5.25			5.25
Young, C. R.	18.75			18.75
Young, T. C.	7.75			7.75
Zimmer, A. R.	29.00	78.00		107.00
	$6,296.98	$2,078.40	$1,309.50	$9,684.88

Apportionment

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Arts	$ 851.82	$1,080.00	$ 843.00	$2,774.82
Medicine	2,841.85	150.00	87.00	3,078.85
Applied Science	514.50	429.00	262.50	1,206.00
Dentistry	651.00	144.00	76.50	871.50
Household Science	42.25	12.00		54.25
Forestry	42.25	51.00		93.25
Music	252.05	56.40	4.50	312.95
School of Nursing		45.00	9.00	54.00
Social Science		45.00	3.00	48.00
University Extension	79.01			79.01
Pharmacy	252.25	36.00	24.00	312.25
Agriculture	528.00			528.00
Veterinary Science	205.75	30.00		235.75
Law	36.25			36.25
	$6,296.98	$2,078.40	$1,309.50	$9,684.88

Remuneration to examiners (as detailed above)		$ 6,296.98
Presiding and attendance (as detailed above)		3,387.90
Honoraria for special services as a Revising Committee:		
Prof. W. J. McAndrew, $50; Prof. H. Bennett, $50; Prof. J. N. Woodcock, $50; Rev. B. F. Sullivan, $50		200.00
Examination supplies and sundries:		
Engrossing diplomas, etc: S. Harrod, $293.00; G. B. Pritchard, $90.55	$ 383.55	
J. T. Mantley, clerical assistance	15.00	
J. E. Poole Co., ink	10.00	
University Press, diplomas, examination books, etc.	1,734.45	
Accounts under $10 (4)	6.63	
Superintendent's Dept., labour, $219.33; material, $43.01; telephone calls, $1.43	263.77	
		2,413.40
Printing examination papers and class lists:		
University Press	$5,508.11	
Photographic Service, prints	29.40	
Hygiene Department, mimeographing	19.00	
Accounts under $10 (2)	4.93	
		5,561.44
		$17,859.72
Less credit for sale of waste paper, etc.		55.03
		$17,804.69

VI. FACULTY OF ARTS

22. Salaries

(1) Departments in University of Toronto ($622,575.97)

Dean's Office

S. Beatty, Dean (paid also $5,500 as Professor and $46 for Extension Work)	$ 1,000.00	$ 1,000.00

Mathematics

Professors:	
S. Beatty (paid also $1,000 as Dean)	$ 5,500.00
I. R. Pounder (paid also $18 for Extension Work and from Special Funds)	4,500.00
Associate Professors:	
W. J. Webber (paid also $420 for Extension Work)	4,100.00
N. E. Sheppard	3,900.00
D. A. F. Robinson	3,400.00

Assistant Professors:		
J. D. Burk	$ 2,750.00	
G. deB. Robinson (paid also $300 for Extension Work)	2,750.00	
Richard Brauer at $2,750 (on leave of absence from 1 February to 30 June—paid also $150 for Extension Work)	1,604.17	
H. S. M. Coxeter (paid also $150 for Extension Work)	2,750.00	
Lecturers (Sessional):		
Miss C. Krieger (paid also $420 for Extension Work)	2,150.00	
Miss M. E. G. Waddell	2,000.00	
D. B. DeLury (paid also from Special Funds)	1,950.00	
D. C. Baillie	1,550.00	
Fellows (Sessional):		
N. S. Mendelsohn	900.00	
W. C. G. Fraser (paid also $200 in Engineering Drawing and $19.20 from Department of Mathematics)	700.00	
C. D. Solin	700.00	
J. S. Vigder (paid also $200 in Engineering Drawing)	300.00	
		$ 41,504.17

Applied Mathematics

J. L. Synge, Professor	$ 6,000.00	
A. F. C. Stevenson, Associate Professor	3,800.00	
Leopold Infeld, Assistant Professor	2,700.00	
B. A. Griffith, Lecturer (Sessional)	2,200.00	
Fellows (Sessional):		
A. W. Walker	550.00	
I. L. Wilson	500.00	
		$ 15,750.00

Physics

Professors:		
E. F. Burton, also Director of Physical Laboratory (paid also from Special Funds)	$ 5,500.00	
J. Satterly (paid also from Special Funds	5,000.00	
L. Gilchrist	4,500.00	
H. A. McTaggart	4,400.00	
J. Patterson, Honorary Professor of Meteorology (without salary—paid $300 for Extension Work)	.....	
Associate Professors:		
H. Grayson Smith (paid also from Special Funds)	3,600.00	
D. S. Ainslie (at $3,300 including $100 paid by University Extension Department—paid also $200 for Extension Work)	3,300.00	
H. J. C. Ireton (paid also from Special Funds)	3,300.00	
C. Barnes (paid also from Special Funds)	2,800.00	
M. F. Crawford (paid also from Special Funds)	2,800.00	
Assistant Professors:		
J. O. Wilhelm at $3,000 (on leave of absence for half time from 1 November)	2,000.00	
Arnold Pitt (at $2,700 including $250 paid from Special Fund; honorarium for extra services, $200—paid also from Special Funds and $250 for Extension Work)	2,900.00	
A. A. Brant (at $2,400 paid from Special Funds)	.....	
Lecturers (Sessional—paid also from Special Funds):		
Miss E. J. Allin	2,100.00	
Miss K. M. Crossley (at $1,700 including $100 paid by University Extension Department)	1,700.00	
Miss F. M. Quinlan (at $1,700 including $100 paid by University Extension Department)	1,700.00	
Honorary Special Lecturers (Sessional—without salary):		
B. Haurwitz	.....	
E. W. Hewson	.....	
W. E. K. Middleton	.....	
A. Thomson	.....	
Demonstrators and Lecturers (Sessional—paid also from Special Funds):		
J. M. Anderson, $1,500; honorarium for extra services, $200 (paid also $300 for Extension Work)	1,700.00	
A. D. Misener	1,500.00	
R. Richmond (paid also $300 for Extension Work)	1,200.00	
H. L. Welsh, Demonstrator (Sessional—paid also from Special Funds)	1,500.00	

Honorary Special Demonstrators (Sessional—without salary):		
C. C. Boughner	.....	
D. B. Kennedy	.....	
S. G. Ellis, Demonstrator, 6 mos., $750; Fellow, 2 mos., $250—(paid also from Special Funds)	$ 1,000.00	
Assistant Demonstrators (Sessional—paid also from Special Funds):		
Miss M. McKinley	1,000.00	
J. W. M. Britton	525.00	
E. H. Dexter	525.00	
Temporary Class Assistants at $1.25 per hour:		
Mrs. Agnes Misener, 269 hours	336.25	
Mrs. Dorothy Elson, 189 hours	236.25	
Mrs. Beatrice M. Deacon, 84 hours (paid also from Special Funds)	105.00	
A. W. Love, 66 hours	82.50	
K. Buckthought, 9 hours	11.25	
Miss B. Girdwood, 6 hours	7.50	
Miss A. T. Reed, Secretary and Class Assistant (paid also from Special Funds)	2,000.00	
Miss N. K. Reed, Clerical Assistant and Librarian (paid also from Special Funds)	1,200.00	
B. Clark, Mechanician	2,300.00	
Assistant Mechanicians:		
J. Ward	2,100.00	
G. T. Woodward	2,000.00	
F. M. Shepherd	1,700.00	
A. Owen	1,400.00	
R. H. Chappell, Glass-blower (paid also from Special Funds)	2,900.00	
P. Blackman, Laboratory and Lecture Assistant (paid also from Special Funds)	1,700.00	
Assistant Laboratory and Lecture Assistant:		
J. A. Reid at $800 less 30 days' compulsory military training	735.83	
E. P. Hincks, substitute for J. A. Reid (paid also from Special Funds)	63.17	
J. Farnworth, Temporary Machinist, 750 hours at 80c per hour	600.00	
	$74,027.75	
Less paid by University Extension Department and from Special Funds	550.00	
		$ 73,477.75

Astronomy

R. K. Young, Professor, also Director of David Dunlap Observatory	$ 4,500.00	
F. S. Hogg, Assistant Professor (paid also $300 for Extension Work)	3,200.00	
Lecturers (Sessional):		
P. M. Millman at $2,400 (on war service from 20 January)	1,640.00	
J. F. Heard at $2,150 (on war service from 4 November—paid also $420 for Extension Work)	1,128.76	
Mrs. Helen S. Hogg, Research Associate (Sessional—on leave of absence without salary)	.....	
W. F. M. Buscombe, Assistant at $800 (resigned 28 February)	612.50	
A. F. Bunker, Observer (Sessional)	900.00	
Miss R. J. Northcott, Computer and Demonstrator	1,300.00	
G. F. Longworth, Night Assistant and Machinist	1,500.00	
Miss E. M. Fuller, Secretary-Librarian	1,300.00	
		$ 16,081.26

Geology

Professors:		
E. S. Moore (paid also $100 for Summer Field Work)	$ 5,500.00	
G. B. Langford, Mining Geology	4,900.00	
A. MacLean	4,300.00	
Assistant Professors:		
L. S. Russell	2,700.00	
Dr. Madeleine A. Fritz (part time—paid also in Royal Ontario Museum)	900.00	

Lecturers (Sessional):		
V. J. Okulitch (paid also $50 for Summer Field Work and $200 for Extension Work)	$ 2,000.00	
W. W. Moorhouse	1,800.00	
Class Assistants (Sessional):		
C. J. H. Coveney	250.00	
G. P. Crombie	250.00	
D. A. Firth	250.00	
W. N. Ingham	250.00	
W. R. McQuarrie	250.00	
W. H. White	250.00	
D. Monteith, Laboratory Attendant	700.00	
		$ 24,300.00

Mineralogy

Professors:		
A. L. Parsons	$ 5,000.00	
J. Ellis Thomson (paid also $100 for Extension Work)	4,400.00	
M. A. Peacock, Associate Professor	4,100.00	
V. B. Meen, Lecturer (Sessional—paid also in Royal Ontario Museum)	1,700.00	
Assistants (part time—Sessional):		
S. V. Burr (paid also $75 for Extension Work)	400.00	
J. J. Ivan	400.00	
W. Wightman, Laboratory Attendant. 9 mos. (paid also in Royal Ontario Museum and $40 for Extension Work)	900.00	
		$ 16,900.00

Chemistry

Professors:		
F. B. Kenrick, also Head of Department	$ 5,700.00	
J. T. Burt-Gerrans, Electro-Chemistry	4,500.00	
A. R. Gordon	4,500.00	
L. J. Rogers	4,500.00	
W. H. Martin	4,300.00	
Associate Professors:		
J. B. Ferguson	4,400.00	
W. S. Funnell	4,200.00	
F. R. Lorriman	3,600.00	
F. E. Beamish	3,500.00	
G. F. Wright	3,500.00	
F. E. W. Wetmore, Assistant Professor (paid also $200 for Extension Work)	2,600.00	
J. J. Rae, Lecturer (Sessional)	2,400.00	
Mrs. P. M. Marrian, Lecturer in Micro-Analysis, 9 mos.	900.00	
Assistants (Sessional):		
Miss E. V. Eastcott	1,800.00	
D. M. Burpee (paid also $37 from Chemistry Department)	1,400.00	
W. A. E. McBryde (paid also $29 from Chemistry Department)	874.00	
W. G. Hines, Electro-Chemistry	799.00	
P. Olynyk	799.00	
H. H. Richmond	799.00	
R. S. Stuart	725.00	
A. W. Birnie	724.00	
R. Y. Cook	724.00	
Miss J. C. Romeyn	724.00	
H. Sheffer	724.00	
W. A. Tidridge (resigned 5 April)	558.10	
M. H. Thomas (resigned 31 March)	543.00	
R. W. Allgood (resigned 25 March) each at $724	522.60	
W. J. Hornibrook (resigned 25 March)	522.60	
R. F. Donahoe (resigned 28 February)	452.50	
H. A. Bewick	650.00	
H. E. Gunning	650.00	
G. J. Janz	650.00	
E. D. Maher	650.00	
D. D. Stewart	650.00	
W. G. Wallace (resigned 31 March) each at $650	487.50	
D. C. West (resigned 28 February)	406.25	
D. S. Russell	523.00	
J. H. Robertson	325.00	

Temporary Assistants:		
R. C. Langille	$ 263.00	
Mrs. D. N. Oswald	100.00	
J. C. Sowden	100.00	
S. Barnartt	18.00	
F. M. Kennedy	18.00	
A. R. Miller	18.00	
J. G. Todds	18.00	
J. E. Currah	12.00	
A. J. Harris	12.00	
L. A. Hassah	12.00	
C. Kinnunen	12.00	
E. W. Warren	12.00	
R. S. Wayman	9.00	
D. J. Wormith	9.00	
Laboratory Assistants:		
R. Fortescue (with rooms, heat and light valued at $420 as caretaker of building)	1,250.00	
W. Banton, $1,500 (and overtime $121.20); Lecture Assistant, $200	1,700.00	
Laboratory Attendants at $10 to $14 per week:		
D. H. Renwick	686.00	
E. Chadwick	529.88	
A. Van Winckel	363.00	
H. M. Davis	243.00	
F. H. Twigg	67.98	
G. Edmund	48.03	
	$71,783.44	
Organic Chemistry Research:		
H. O. L. Fischer, Professor (paid $5,000 from Special Fund)	.....	
Erich Baer, Assistant Professor	$ 3,000.00	
J. M. Grosheintz, Research Associate	2,040.00	
Technicians at $780:		
R. MacDougall (resigned 16 November)	294.67	
D. Edson, from 18 November	483.17	
Mrs. C. McCallum, Laboratory Attendant	236.14	
		$ 77,837.42

Biology

Professors:		
E. M. Walker, Invertebrate Zoology; also Head of Department	$ 5,500.00	
W. H. Piersol, Histology and Embryology at $5,100 of which half charged to Anatomy	2,550.00	
J. R. Dymond	4,300.00	
A. F. Coventry	4,000.00	
A. G. Huntsman, Marine Biology (without salary)	.....	
Associate Professors:		
W. H. T. Baillie	4,000.00	
J. W. MacArthur	4,000.00	
E. H. Craigie	3,750.00	
W. J. K. Harkness (on leave of absence)	3,550.00	
Assistant Professors:		
Dr. Norma H. C. Ford (paid also $300 by School of Nursing)	3,050.00	
K. C. Fisher	2,850.00	
F. P. Ide	2,300.00	
Lecturers (Sessional):		
F. E. J. Fry (paid also $1,250 in Special Research)	900.00	
R. R. Langford (paid also $1,250 in Special Research)	900.00	
Demonstrators (Sessional):		
C. W. J. Armstrong	900.00	
G. M. Neal	900.00	
Miss R. D. C. Martin	500.00	
Assistants (Sessional):		
D. G. Wilder	552.50	
W. A. Kennedy	450.00	
Miss M. Anderson	400.00	

W. M. Sprules	$ 410.00	
E. D. Winchester	275.00	
Miss D. W. Kirk (paid also $340 in Botany and $300 in Special Research)	120.00	
H. Nesbitt	100.00	
Miss E. V. Engelbert (paid also $400 in Special Research)	85.00	
Miss A. M. Ironside (paid also $600 in Special Research)	85.00	
C. J. Kerswill	75.00	
W. B. Scott	75.00	
S. P. Drummond	70.00	
J. R. Brett	60.00	
G. H. Clawson	60.00	
C. L. Petersen	60.00	
J. H. Follwell (paid also $300 in Special Research)	53.00	
A. W. F. Banfield	50.00	
R. M. Belyea	50.00	
D. M. Davies	50.00	
D. N. Omand	50.00	
V. E. F. Solman (paid also $300 in Special Research)	50.00	
Mrs. Isobel Radforth	35.00	
A. Quantrill, Mechanical Technician	1,500.00	
T. Stovell, Microscopic Technician	1,000.00	
S. Clare, Assistant, Experimental Biology	950.00	
Mrs. Audrey H. Shortt, Photographer, 10 mos. (paid also in Royal Ontario Museum)	800.00	
W. J. LeRay, Curator of Vivarium	1,750.00	
D. G. LeRay, Assistant in Vivarium (paid also $52.50 in Psychology Department)	800.00	
A. Wilson, Chief Laboratory Assistant (at $1,125, including bonus for extra services, $75—resigned 8 May)	1,031.25	
W. Smith, Laboratory Attendant and Stores Assistant, $900; bonus for extra services, $75	975.00	
A. Prince, Laboratory Attendant	450.00	
E. C. Cross, Secretary, at $1,800 (on war service from 1 August)	493.98	
Mrs. Helen Johnson, Acting Secretary for duration of war, $1,200; bonus for extra services, $300	1,500.00	
Miss P. Foreman, Stenographer and Librarian, $1,050; bonus for extra services, $75	1,125.00	
Miss E. Caesar, Secretarial Assistant, $720; bonus for extra services, $75	795.00	
Temporary Clerical Assistants at $9.25 per week:		
Mrs. J. Jolliffe, 14 weeks	129.50	
Mrs. Margaret Stevenson, 9 weeks	83.25	
Miss B. Bott, 4 weeks	37.00	
Miss E. Reed, 2 weeks	18.50	
		$ 60,603.98

Botany

Professors:		
R. B. Thomson, Plant Morphology (retired 30 June)	$ 5,500.00	
H. S. Jackson, Mycology	5,200.00	
Associate Professors:		
D. L. Bailey (part time)	3,500.00	
G. H. Duff	4,300.00	
H. B. Sifton	4,300.00	
Assistant Professors:		
Dr. J. Gertrude Wright	3,000.00	
T. M. C. Taylor (paid also $420 for Extension Work)	3,000.00	
L. C. Coleman, Associate (Sessional)	2,000.00	
A. J. V. Lehmann, Lecturer (Sessional)	1,900.00	
D. H. Hamly, Special Demonstrator in Microscopy and Micro-photography (Sessional—paid also $550 in Applied Physics; $500 in Mining Engineering, and $695 in Special Research)	800.00	
M. W. Bannan, Senior Demonstrator (Sessional—paid also $610 in Special Research)	800.00	
Miss D. F. Forward, Assistant and Demonstrator in Physiology (Sessional)	1,500.00	
Class Assistants (Sessional):		
A. R. Gopal-Ayengar (paid also $240 in Special Research)	680.00	
N. W. Radforth (paid also $570 in Special Research)	680.00	

C. N. Haldenby (paid also $160 in Special Research)	$ 680.00	
B. B. Hillary (paid also $80 in Special Research)	680.00	
W. R. Watson (paid also $240 in Special Research)	680.00	
C. D. McKeen (paid also $210 in Special Research)	600.00	
L. T. Richardson (paid also $210 in Special Research)	600.00	
Miss J. W. McLellan	500.00	
Miss R. H. Moore (paid also $140 in Special Research)	500.00	
Miss D. W. Kirk (paid also $300 in Special Research and $120 in Biology)	340.00	
Miss G. S. Taylor (paid also $800 in Botanic Gardens)	300.00	
Assistants (Sessional):		
R. F. Cain, Mycological Herbarium	1,800.00	
Miss M. B. Givens, Morphology and Anatomy	1,800.00	
Miss C. B. Ross, Ecology	1,700.00	
A. Simpson, Horticulturist (with living quarters valued at $360)	2,200.00	
D. S. Hull, Herbarium Assistant	800.00	
L. Van Cleemput, Gardener	1,700.00	
Clerical Assistants:		
Miss L. Alward	1,400.00	
Miss R. Hobberlin	1,200.00	
Dr. Kathleen L. Hull, Librarian	1,250.00	
Laboratory Attendants:		
R. Lynn	1,300.00	
S. G. Smith	1,000.00	
		$ 58,190.00

History

Professors:		
Chester Martin, also Head of Department	$ 5,500.00	
R. Flenley	4,700.00	
F. H. Underhill	4,700.00	
G. W. Brown (paid also $450 from University Press and $280 for Extension Work)	4,500.00	
B. Wilkinson, Mediaeval History	4,500.00	
Associate Professors:		
G. deT. Glazebrook (paid also $150 from University Press and $150 for Extension Work)	3,850.00	
D. G. Creighton at $3,000 (on leave of absence on two-thirds salary—paid also $140 for Extension Work)	2,000.00	
Assistant Professors:		
D. J. McDougall (paid also $450 for Extension Work)	2,800.00	
Edgar McInnis (paid also $5 from University Press and $108 for Extension Work)	2,800.00	
R. M. Saunders (paid also $715 for Extension Work)	2,500.00	
G. G. Coulton, Special Lecturer (Sessional—paid also $125 for extra lectures)	1,000.00	
R. G. Riddell, Lecturer and Tutor (Sessional—without salary); Reader (Sessional—paid also $490 for Extension Work)	250.00	
		$ 39,100.00

Anthropology

T. F. McIlwraith, Professor	$ 4,500.00	
Philleo Nash, Lecturer (Sessional)	2,400.00	
C. W. M. Hart, Special Lecturer (Sessional—without salary; paid as Assistant Professor of Sociology)	.....	
J. N. Emerson, Class Assistant (Sessional)	300.00	
		$ 7,200.00

Archaeology

C. T. Currelly, Professor (paid also in Royal Ontario Museum)	$ 2,000.00	
Rt. Rev. W. C. White, Associate Professor (paid also in Royal Ontario Museum)	2,000.00	
Homer A. Thompson, Assistant Professor, Classical Archaeology	4,000.00	
Research Assistants (Sessional—without salary):		
F. Y. S. Tseng, Chinese Archaeology	.....	
J. M. Menzies	.....	
		$ 8,000.00

Fine Art

John Alford, Professor at $5,000, of which $4,000 paid from Special Fund	$ 1,000.00	
Assistant Professors:		
Peter Brieger (paid also $300 in School of Architecture)	2,700.00	
C. F. Comfort (Sessional—without salary)	.....	
Miss R. M. Home, Special Instructor (Sessional—without salary; paid in Royal Ontario Museum)	.....	
P. Haworth, Instructor (Sessional—part time)	700.00	
Mrs. I. H. Whitley, Secretary-Librarian (Sessional)	600.00	
		$ 5,000.00

Geography

Griffith Taylor, Professor, also Head of Department (paid also $2,500 in Ontario College of Education and $535 for Extension Work)	$ 4,000.00	
G. Tatham, Assistant Professor (paid also $395 for Extension Work)	2,400.00	
D. F. Putnam, Lecturer (Sessional—paid also $459 for Extension Work)	2,000.00	
Miss M. Brookstone, Demonstrator (Sessional—paid also $380 for Extension Work)	1,200.00	
Assistants (Sessional—part time):		
L. G. Reeds	350.00	
Miss N. Hooper	75.00	
Mrs. Elizabeth A. Hume-Rothery	75.00	
		$ 10,100.00

Political Economy

Professors:		
H. A. Innis, also Head of Department (paid also $220 for Extension Work)	$ 5,100.00	
W. T. Jackman, Transportation, at $4,900 (on leave of absence on half salary; retired 30 June)	2,450.00	
H. R. Kemp, Commerce, at $4,100 (on war service) Teachers' Insurance & Annuity Association contribution	200.04	
V. W. Bladen (paid also $275 from University Press and $760 for Extension Work)	4,100.00	
A. Brady (paid also $100 from University Press)	4,000.00	
R. M. Dawson (paid also $25 from University Press and $20 for Extension Work)	4,000.00	
Associate Professors:		
H. A. Logan (paid also $420 for Extension Work)	3,800.00	
Lorne T. Morgan (paid also $36 from University Press and $130 for Extension Work)	3,700.00	
Assistant Professors:		
A. F. W. Plumptre (paid also $10 for Extension Work)	2,900.00	
D. C. MacGregor (paid also $15 from University Press)	2,800.00	
J. F. Parkinson (paid also $12 from University Press and $150 for Extension Work)	2,800.00	
V. F. Coe, at $2,700 (on war service) T.I. & A.A. contribution	135.00	
Lecturers (Sessional):		
S. B. Stocking, Temporary (vice H. R. Kemp—paid also $50 for Extension Work)	3,300.00	
C. B. Macpherson	2,100.00	
J. E. L. Graham, Special Lecturer (Sessional—vice V. F. Coe)	1,800.00	
J. G. Perold, Instructor (Sessional—paid also $10 for Extension Work)	1,500.00	
Assistants (Sessional):		
V. C. Fowke (paid also $10 from University Press and $162 for Extension Work)	1,500.00	
W. K. Bryden	250.00	
H. C. McFadden	250.00	
R. G. Robertson (paid also $100 from University Press)	250.00	
D. G. Tyndall	250.00	
Transfer to Department to pay temporary Lecturers	324.85	
Accounting:		
W. S. Ferguson, Professor (part time)	2,550.00	
C. A. Ashley, Associate Professor, $3,400; Supervisor of Studies in Political Economy, $600 (paid also $40 from University Press and $400 honorarium for Cost-per-Student survey)	4,000.00	
F. R. Crocombe, Assistant Professor (paid also $420 for Extension Work)	3,450.00	

Sociology:		
C. W. M. Hart, Assistant Professor and Supervisor of Studies; also Special Lecturer in Anthropology without salary (paid also $130 for Extension Work)	$ 3,100.00	
S. D. Clark, Lecturer (Sessional)	2,000.00	
E. C. Devereux, Instructor (Sessional)	1,000.00	
		$ 63,609.89

Law

Professors:		
W. P. M. Kennedy, Constitutional Law, 3 mos. at $5,800; 9 mos. at $6,000 (paid also $250 from University Press)	$ 5,950.00	
N. A. M. MacKenzie, Public and Private International Law at $4,500 (resigned 30 September)	1,125.00	
F. C. Auld, Jurisprudence, 3 mos. at $4,200; 9 mos. at $4,500 (paid also $220 for Extension Work)	4,425.00	
Jacob Finkelman, Associate Professor, 3 mos. at $2,900; 9 mos. at $3,100	3,050.00	
Lecturers (Sessional):		
J. E. M. Hancock, 3 mos. at $1,800; 9 mos. at $1,850	1,837.50	
Bora Laskin (paid also $154 for Extension Work)	1,800.00	
Special Lecturers (Sessional—without salary):		
H. G. Fox, Industrial Property	.....	
H. Rubin, Comparative Law	.....	
		$ 18,187.50

Philosophy

Professors:		
G. S. Brett at $6,000, of which $1,000 paid in Ethics (paid also $1,000 as Dean of Graduate Studies and $30 in Ontario College of Education)	$ 5,000.00	
F. H. Anderson	4,600.00	
Associate Professors:		
H. R. MacCallum (paid also $10 for Extension Work)	4,200.00	
E. W. Macdonald (paid also $30 for Extension Work)	3,300.00	
W. Jarvis McCurdy (paid also $420 for Extension Work)	3,000.00	
T. A. Goudge, Assistant Professor (paid also $320 for Extension Work)	1,900.00	
		$ 22,000.00

Psychology

Professors:		
E. A. Bott, also Director of Laboratory (paid also $200 for Extension Work)	$ 5,000.00	
W. E. Blatz (part time—paid also $2,500 in Institute of Child Study)	2,500.00	
S. N. F. Chant (paid also $582 for Extension Work)	4,300.00	
W. Line, Associate Professor	3,900.00	
Assistant Professors:		
J. D. Ketchum (paid also $620 for Extension Work)	3,000.00	
G. P. Cosgrave at $3,000, of which $916 paid by National Research Council for part-time services (paid also $10 for Extension Work)	2,084.00	
K. S. Bernhardt (part time—paid also $700 in Institute of Child Study; $732 for Extension Work, and $10 in School of Nursing)	2,600.00	
C. R. Myers (part time—paid also $250 from Psychiatric Research Funds; $300 for Extension Work, and $60 in School of Nursing)	2,300.00	
Special Lecturers (Sessional):		
K. H. Rogers (paid also $20 in Social Science)	200.00	
G. W. Anderson (paid also $150 in Psychiatry)	100.00	
J. D. M. Griffin, also in Paediatrics and Psychiatry without salary (paid also $20 in School of Nursing)	100.00	
C. G. Stogdill (paid also $100 in School of Nursing)	100.00	
Instructors (Sessional):		
Miss M. D. Salter	800.00	
Miss M. L. Northway (paid also $300 in Institute of Child Study)	500.00	
Class Assistants (Sessional):		
E. S. W. Belyea (paid also $375 for Extension Work)	500.00	
Miss K. Harvie	400.00	

Miss M. Wright (paid also $50 in Institute of Child Study)	$ 400.00	
Mrs. Magda B. Arnold (paid also $30 from Psychiatric Research Funds)	300.00	
Miss R. W. Dingee	300.00	
Miss D. A. Millichamp (paid also $1,500 in Institute of Child Study)	300.00	
E. Signori	300.00	
Readers (Sessional):		
G. W. FitzGerald	200.00	
J. Kaplan	200.00	
Miss E. G. McClelland	200.00	
C. Marshman	200.00	
T. R. Maxwell	150.00	
G. C. Cooper, Technician	2,300.00	
	$33,234.00	
Less paid by School of Nursing	300.00	
		$ 32,934.00

Italian and Spanish

Professors:		
M. A. Buchanan	$ 6,000.00	
J. E. Shaw	6,000.00	
Emilio Goggio	4,500.00	
Associate Professors:		
G. C. Patterson	3,800.00	
Juan Cano (paid also $200 for Extension Work)	3,800.00	
Instructors (Sessional):		
T. B. Barclay	1,500.00	
J. H. Parker	1,500.00	
C. H. Andrusyshen, 2 mos.	300.00	
		$ 27,400.00

Military Studies

Major M. Barry Watson, Director and Assistant Professor at $2,600 (part time from 1 October)	$ 1,850.00	
Brig.-General G. S. Cartwright, Special Lecturer (vice Major Watson)	500.00	
W. A. Baughhurst, Assistant, 10 mos.	1,050.00	
		$ 3,400.00

(2) Departments in University College ($158,777.00)

Classics

Gilbert Norwood, Professor, also Director of Classical Studies (paid also $19.85 from University Press)	$ 6,250.00	
(a) Greek:		
E. T. Owen, Professor	4,700.00	
Associate Professors:		
D. E. Hamilton	4,200.00	
M. D. C. Tait	3,600.00	
(b) Latin:		
Professors:		
G. Oswald Smith (on leave of absence—retired 30 June)	5,000.00	
E. A. Dale at $4,500, of which half paid by Trinity College	2,250.00	
(c) Greek and Roman History:		
C. N. Cochrane, Professor (also Dean of Residence with free house, heat and light valued at $300)	4,500.00	
Assistant Professors:		
L. A. MacKay (paid also $420 for Extension Work—resigned 30 June)	3,250.00	
Miss M. C. Needler (paid also $30 for Extension Work)	2,700.00	
		$ 36,450.00

English

Professors:		
M. W. Wallace (paid also $1,500 as Principal of University College)	$ 6,000.00	
R. S. Knox	4,900.00	
J. F. Macdonald	4,500.00	
E. K. Brown (paid also $200 from University Press—resigned 30 June)	4,200.00	
A. S. P. Woodhouse (paid also $200 from University Press)	4,200.00	
W. H. Clawson, Associate Professor (paid also $300 for Extension Work)	3,900.00	
Assistant Professors:		
N. J. Endicott	2,900.00	
J. R. MacGillivray (paid also $40 from University Press and $554 for Extension Work)	2,900.00	
A. E. Birney, Lecturer (Sessional—paid also $300 for Extension Work)	2,300.00	
		$ 35,800.00

French

Professors:		
F. C. A. Jeanneret	$ 5,500.00	
J. S. Will (paid also $10 from University Press)	5,000.00	
St. E. de Champ (paid also $200 for Extension Work)	4,500.00	
Associate Professors:		
W. J. McAndrew (paid also $800 as Registrar of University College)	3,700.00	
H. L. Humphreys	3,600.00	
Assistant Professors:		
J. G. Andison (paid also $452 for Extension Work)	3,300.00	
R. D. C. Finch	3,250.00	
C. D. Rouillard (paid also $300 for Extension Work)	3,000.00	
Lecturers (Sessional):		
Miss A. C. Cole (paid also $88 for Extension Work)	2,350.00	
G. L. Assié (paid also $720 for Extension Work)	2,000.00	
J. A. Houpert (paid also $100 for Extension Work)	2,000.00	
Miss I. G. Balthazard	1,800.00	
Miss M. D. MacDonald (paid also $200 for Extension Work)	1,800.00	
		$ 41,800.00

German

Barker Fairley, Professor, also Head of Department	$ 6,000.00	
Thure Hedman, Associate Professor	4,000.00	
Assistant Professors:		
G. E. Holt	3,450.00	
H. Boeschenstein (paid also $250 for Extension Work)	2,800.00	
Martin Joos, Lecturer (Sessional)	2,000.00	
		$ 18,250.00

Semitics

Professors:		
W. R. Taylor (paid also $25 from University Press)	$ 5,500.00	
T. J. Meek	5,500.00	
Assistant Professors:		
F. V. Winnett	3,000.00	
W. S. McCullough	2,800.00	
R. F. Schnell, Reader (temporary)	77.00	
		$ 16,877.00

Ethics

G. S. Brett, Professor (paid also as Professor of Philosophy and Dean of School of Graduate Studies)	$ 1,000.00	
		$ 1,000.00

University College General

M. W. Wallace, Principal (paid also as Professor of English)	$ 1,500.00	
Miss Marion B. Ferguson, Dean of Women (with living valued at $400)	2,500.00	
W. J. McAndrew, Registrar (paid also as Associate Professor of French)	800.00	
Miss E. H. McAndrew, Assistant to the Registrar	1,050.00	
Miss M. Blackburn, Secretary in Registrar's Office	1,350.00	
Miss C. Tocque, Stenographer in University College	1,400.00	
		$ 8,600.00
		$781,352.97

23. Mathematics

Supplies and Apparatus ($124.13):		
American Mathematical Society, membership	$ 50.00	
D. Gestetner (Canada) Ltd., stencils, paper	47.76	
University Press, printing and stationery	26.37	
Clerical Assistance ($144.67):		
H. S. M. Coxeter	32.47	
W. C. G. Fraser	82.20	
C. E. Helwig	30.00	
		$ 268.80

24. Applied Mathematics

Supplies and Apparatus ($229.77):		
American Institute of Physics, reprints	$ 61.66	
American Mathematical Society, membership	25.00	
Murdock Stationery, paper	18.00	
Postage	16.35	
Vernon Lightning Blueprints, reprints	22.10	
University Press, printing and stationery	76.09	
Accounts under $10 (2)	5.16	
Superintendent's Dept., freight	5.41	
Clerical Assistance:		
Mrs. Reita Maunder, 36 weeks, 2 days	364.00	
		$ 593.77

25. Physics

Laboratory and workshop supplies ($4,780.98):		
Aikenhead Hardware, hardware	$ 199.12	
Allen Mfg. Co., laundry	20.49	
American Hard Rubber Co., pieces	17.56	
Anaconda American Brass, brass rod	156.73	
Baird & Tatlock (London), thermometers	33.62	
Bakelite Corporation, tubing, etc.	14.96	
W. E. Booth, photography supplies	177.32	
British Drug Houses, chemicals	11.98	
Canada Metals, solder, castings	37.34	
Canadian Carborundum Co., abrasives	23.21	
Canadian Electrical Supply Co., lights, switches, etc.	101.66	
Canadian General Electric Co., motors, bulbs, lamps, etc.	50.42	
Canadian Johns Mansville Co., asbestos, millboard	12.27	
Canadian Laboratory Supplies, glassware, chemicals, etc.	477.41	
Canadian National Carbon Co., carbons	23.59	
Canadian Westinghouse Co., electrical supplies	17.72	
Central Scientific Co., chemicals, bunsen burners, weights, etc.	134.57	
Diamond State Fibre Co., fibre rod	14.15	
Dominion Oxygen Co., gas	63.25	
Driver Harris & Co., wire	12.36	
Eastman Kodak Co., filters, plates	24.29	
Eastman Photographic Stores, chemicals, films	34.92	
T. Eaton Co., Ltd., chemicals, pans, cotton, etc.	60.60	
W. Edwards & Co., pumps	11.13	
Chas. M. Ellis, telegrams	18.10	
Exide Batteries, batteries	106.02	
L. Gilchrist, use of car for instructional purposes	31.32	
Griffin & Tatlock, balances, weights, etc.	136.63	
Gutta Percha & Rubber, tubing	12.72	
Adam Hilger, chemicals, rods, grinding, etc.	323.46	
Imperial Oil Ltd., oil	12.63	
Jones Bros. of Canada, towels	22.00	
Kimble Glass Co., tubing	23.04	
Lake Simcoe Ice & Fuel Co., ice	37.49	
Lyman Tube Supply, steel balls	11.27	
W. R. McKee, repairing and calibrating motors	59.45	
Moyer School Supplies, chalk	12.70	
New Standard Foundry Co., castings	16.59	
Nichols Chemical Co., soda	22.00	
R. H. Nichols, repairing thermopile	14.50	
Peckover's Ltd., metal tools	10.30	

Postage	$ 25.50
Pratt and Whitney, drills	67.59
W. G. Pye Co., compound, metallic paper	55.19
Railway and Engineering Specialties, tools	11.48
Robbins and Townsend, typewriter maintenance	12.00
Rolls and Darlington, chemicals	22.73
Roneo Co. of Canada, ink, paper, stencils	36.65
Shell Oil Co., oil	19.50
Stupakoff Ceramic & Mfg. Co., filaments	19.86
Toronto Hydro Electric System, power	117.30
S. Tyzack & Son, nuts, screws, bolts, etc.	23.21
Walker Metal Products, wire	20.28
Wholesale Radio Co., transformers, resistors, radio parts, etc.	151.10
University Press, binding, printing, stationery	591.33
Accounts under $10 (34)	177.67
Sundry disbursements by department:	
Seminar teas, $22.61; hardware, stationery, etc. $33.21; sundries, $6.79	62.61
Superintendent's Dept., freight, $304.15; labour, $83.05; material, $378.89	766.09
Apparatus ($1,491.66):	
Aikenhead Hardware, hand drills	5.30
Canadian Fairbanks Morse Co., grinders	104.00
Ferranti Electric Co., portable voltmeter	46.00
Griffin & Tatlock Co., colorimeters, thermometers, etc.	91.41
Adam Hilger Co., prisms, lenses, condensers, transformer	1,000.80
W. B. Nicolson, balances	54.58
Townsend and Mercer, stop watches	31.23
Venner Time Switches, stop watch	16.26
Weston Electric Co., apparatus	142.08
Experimental tables, cases, books, charts, fittings, etc. ($701.48):	
American Geographical Society, maps	13.50
"Engineering," subscription	13.30
McMillan & Co., subscriptions	13.64
Toronto General Trusts Corporation, books of Late Dr. A. C. Hendrick	50.00
University of Toronto Library, replacing lost book	10.50
University Press, text books, directories, etc.	34.80
Accounts under $10 (10)	42.66
Superintendent's Dept., labour, $319.58; material, $203.50	523.08
Laboratory and workshop assistance ($1,981.34):	
John Angelson, 39 weeks	363.00
Robt. L. Beale, 29 1/6 weeks	441.34
Ray Dunster, 35½ weeks	319.50
Allen Essex, 39 weeks	363.00
Stewart Mair, 4 5/6 weeks	43.50
Lloyd Thompson, 42 1/6 weeks	431.00
Carl Thuro, 2 weeks	20.00
Special Laboratory alterations and replacements:	
Superintendent's Dept., labour, $238.39; material, $181.10	419.49
Geophysics Survey ($5,533.57):	
Agfa Ansco, glycerin, prints	12.26
Aikenhead Hardware, hardware	187.78
American Askania Corporation, magnetometers	140.25
Bausch & Lomb Optical Co., condenser	33.50
W. E. Booth Co., photo plates	67.34
British Drug Houses, chemicals	55.33
Canada Metal Co., castings	195.06
Canada Wire & Cable Co., tubes, plugs, wire, etc.	19.76
Canadian Electrical Supply Co., electrical supplies	403.21
Canadian General Electric Co., pliatrous, wires, tubes, etc.	96.09
Canadian Johns Manville Co., millboard	28.69
Canadian Laboratory Supplies, chemicals, glassware	38.00
Canadian National Carbon Co., carbon	63.31
Canadian Westinghouse Co., rectifier tube	144.00
Walter Carveth, ventilator unit for projector	45.00

Central Scientific Co., glassware, cement, chemicals, etc.	$ 611.75
Coulter Copper & Brass Co., crucibles	16.20
Distillation Products, gauge	45.58
Dominion Oxygen Co., gas, torch	121.11
Eastman Photographic Stores, chemicals, films	22.22
Fulton Sylphon Co., bellows	12.89
General Radio Co., voltage divider	97.72
Gaevert Ltd., chemicals	15.34
Haloid Co., rolls, wire, records, etc.	179.10
International Co., rheostats, resistors	41.02
Johnson Office Furniture Co., filing cabinet	35.00
Jones and Moore Electric Co., motors	10.00
N. B. Keevil, telephone calls	12.10
Leeds and Northrup Co., meters, lamp, scale	314.14
Moloney Electric Co., transformers, etc.	225.00
National Bureau of Standards, radio active standards	71.32
Wm. Jessop and Sons, steel	14.21
H. L. Roe Electrical Instrument Co., control panel and oscillator	100.00
J. H. Ryder Machinery Co., toolroom lathe, motor, etc.	1,069.00
Max Scheerle, projection apparatus	80.00
Shell Oil Co. of Canada, oil	33.65
United Steel Corporation, pulleys, belts, etc.	19.55
Walker Metal Products, metal ribbon, insulators	23.82
Weston Electrical Instrument Corporation, meters	147.61
Wheelock Standards, resistor	17.92
Zenith Electric Co., electrical supplies	85.55
Accounts under $10 (27)	190.64
Superintendent's Dept., labour, $148.21; material, $243.34	391.55
Research Associates ($3,500):	
N. B. Keevil, 10 months, paid also in special funds	3,000.00
L. T. Newman, 3 months	500.00
Fellows in Geophysics, sessional ($1,750):	
R. F. Errington, 10 months	1,250.00
S. Levine, 4 months	500.00
Research Fellows ($722):	
H. L. Welsh, paid also in Physics	672.00
W. E. L. Grasham, 1 month	50.00
Research Assistance ($1,072):	
W. A. Ladd	704.00
C. M. Mitchell	50.00
Miss E. J. Allin, paid also in Physics	318.00
Machinist: J. Fineworth, paid also in Physics	561.60
Instructors ($2,520):	
J. M. Anderson	560.00
D. B. Armstrong	150.00
D. Barker	150.00
R. L. Beatty	150.00
H. G. Burchall	150.00
T. J. Coombe	150.00
G. P. Hincks	150.00
B. R. Holden	150.00
W. S. Joyce	150.00
J. C. Maynard	150.00
B. E. Miles	150.00
A. Pitt	310.00
G. H. Tidy	150.00
Laboratory Assistant: Carl Thuro, 12 weeks	144.00
	$25,178.12
Less credits: Laboratory Deposits, $687.90; sale of material, etc. $25	712.90
	$24,465.22

Credited from funds provided by the following:			
Hans Lundberg Fund	$7,240.99		
Columbian Carbon Co.	4,525.27		
Ontario Mining Association	1,000.00		
Research Enterprises Ltd.	805.05		
Steep Rock Mines (Jos. Errington, Esq.)	150.00		
Wenner Gren Geophysics Fund	125.00		
McLennan Laboratory Research	1,956.86		
		15,803.17	
			$ 8,662.05

26. Astronomy

At University:		
Supplies ($244.95):		
Central Scientific Co., chemicals, thermometer	$ 37.51	
Eastman Photographic Stores, chemicals, films, plates, etc.	23.36	
Postage	20.00	
University Press, paper, ink, twine, etc.	66.50	
Accounts under $10 (6)	29.11	
Sundry disbursements by department:		
Radio parts and hardware, $14.16; express, $2.48; sundries, $13.36	30.00	
Superintendent's Dept., freight, $10.40; material, $28.07	38.47	
At Observatory:		
Supplies and Apparatus ($1,671.47):		
Aikenhead Hardware, hardware	16.97	
Jas. G. Biddle Co., wax	51.69	
W. E. Booth Co., astra plates	26.50	
F. Y. W. Brathwaite, batteries, tubes, parts, etc.	16.63	
Canadian General Electric, relay switch, motor	66.48	
Central Scientific Co., chemicals, tubing, pump, etc.	213.89	
Distillation Products Inc., oil differsion pump	53.56	
Dominion Bridge Co., vacuum chamber, erecting chamber	939.08	
Ferranti Electric Co., transformers	153.00	
J. F. Hartz Co., chemicals	10.70	
Smillie Steel Products Co., moving beam	65.00	
Wholesale Radio Co., potentiometer, relay, etc.	11.70	
Accounts under $10 (7)	34.39	
Superintendent's Dept., telephone, $4.48; freight, $2.40; material, $5.00	11.88	
Library, including binding and mending ($467.98):		
Astrophysical Journal, subscription	11.75	
MacMillan and Co., subscription	13.64	
Royal Astronomical Society, subscription	26.50	
University Press, binding, books, bulletins	387.62	
Accounts under $10 (8)	28.47	
Attendants and incidentals ($67.50):		
T. McKenzie, caretaker's overtime services	62.50	
Superintendent's Dept., labour	5.00	
	$ 2,451.90	
Less door receipts	42.50	
		$ 2,409.40

27. Geology

Maintenance and equipment ($669.48):		
Canadian Laboratory Supplies, chemicals	$10.15	
Central Scientific Co., acid, glassware	64.63	
Chemical Engineering Dept., chemicals, tubing	30.24	
T. Eaton Co., framing	22.75	
Grand & Toy, desk, key tags	44.80	
Musto-Keenan Co., blades	30.74	
Office Specialty Mfg. Co., cards, cabinets, lockers	184.80	
Photographic Service Dept., prints, slides	37.57	
Ward's Natural Science, specimens	23.15	
G. S. Willson, draughting maps	15.80	
University Press, printing, stationery	41.72	
Accounts under $10 (11)	51.72	

Sundry disbursements by department:		
Stationery, $3.53; telegrams and telephone, $8.59; sundries, 35c.	$ 12.47	
Superintendent's Dept., freight, $7.18; labour, $59.86; material, $31.90	98.94	
Summer field work, travelling expenses, etc. ($352.37):		
Art Metropole, paper	3.29	
H. F. Belding, travelling expenses re collecting specimens	11.17	
W. N. Ingham, travelling expenses re collecting specimens	37.19	
J. H. Low, travelling expenses re collecting specimens	28.65	
Prof. E. S. Moore, honorarium, $100.00; expenses, $4.27	104.27	
Dr. V. J. Okulitch, honorarium, $50.00; expenses, $29.14	79.14	
Provincial Treasurer, license for station wagon	12.50	
Royal Ontario Museum, share of cost of repairing station wagon owned by Museum and used by department	76.16	
	$ 1,021.85	
Less credits: Sale of material	19.90	
		$ 1,001.95

28. Mineralogy

Maintenance and equipment ($1,057.23):		
American Instrument Co., cathodes for X-ray tubes	$ 74.75	
Canadian Laboratory Supplies, chemicals, glassware, etc.	116.78	
Walter A. Carveth & Co., illuminator, microscope repairs	61.00	
Central Scientific Co., chemicals, lenses, weights, crucibles	166.39	
R. H. Chappell, glass blowing	27.00	
Corman Engineering Co., building lead lap	15.00	
Eastman Photographic Stores, film, chemicals	18.77	
Johnson Matthey & Co., platinum	36.05	
Office Specialty Mfg. Co., tables	44.00	
Ontario Paper Box Mfg. Co., trays	15.55	
Photographic Service Dept., prints	47.31	
Robt. Simpson Co., chairs	16.50	
Spencer Lens Co., microscope and parts	62.72	
Superior Barn Equipment Co., steel stools	18.30	
Ward's Natural Science, specimens	25.92	
University Press, printing and stationery	70.60	
Accounts under $10	84.42	
Superintendent's Dept., freight, $39.63; labour, $55.83; material, $60.71	156.17	
Special X-ray equipment ($592.90):		
Bausch and Lomb Optical Co., microscope $227.00 less allowance on old model turned in $136.25	90.75	
M. J. Buerger, device for recording X-ray diffraction	89.08	
Central Scientific Co., microscope, balances	350.35	
Spencer Lens Co., microscope	62.72	
Alterations, partitions and repairs:		
Superintendent's Dept., labour, $56.09; material, $26.60	82.69	
	$ 1,732.82	
Less credits: Laboratory deposits, $101.15; sale of material, $136.70	237.85	
		$ 1,494.97

29. Chemistry

Maintenance:		
Chemistry:		
Chemicals, glassware, apparatus, etc. ($10,464.40):		
American Institute of Physics, reprints	$ 26.30	
Arlington Laboratories, chemical analysis	53.56	
W. Banton, 43 hrs. laboratory assistant	17.20	
Barrett & Co., pyridine	11.13	
Bay Salvage Co., cabinet	22.50	
Prof. F. E. Beamish, travelling expenses	59.42	
Belle Ewart Ice & Fuel Co., ice	94.32	
H. Berwick, chemical analysis	49.50	
British Drug Houses, chemicals	457.77	
D. Burpee, tungsten analysis	37.00	
Canadian Industries Ltd., chemicals	741.10	
Canadian Kodak Sales, plates	12.00	

Canadian Laboratory Supplies, glassware, tubes, heaters, etc.	$ 1,633.81	
Canadian Liquid Air Co., gas, tank rental	25.96	
Canadian National Carbon Co., carbons	70.53	
Central Scientific Co., glassware, oil, tongs, etc.	600.25	
R. H. Chappell, glass blowing	25.00	
Eastman Kodak Co., chemicals	210.07	
Eck & Krebs, funnels, condensers, dryers, etc.	118.58	
T. Eaton Co., chairs, books	19.98	
Thos. Firth & John Brown Ltd., stainless steel	79.03	
Fisher Scientific Co., electrophotometer, clamps, lenses, etc.	340.55	
Fitzgerald & McAvoy, wire tripods	15.90	
Grand & Toy, binders, transfer cases	10.90	
Guardian Electric Mfg. Co., relays	24.44	
Gutta Percha & Rubber Ltd. tubing	55.47	
G. A. Hardie & Co., towels, wipers	235.98	
J. F. Hartz Co., chemicals	24.75	
Industrial Products Co., masks	19.07	
Ingram & Bell, first-aid equipment, crucibles, etc.	706.20	
Jem Rubber Co., tubing	27.38	
Johnson Matthey & Co., chemicals, platinum	30.35	
Leeds & Northrup, resistor	32.21	
Liquid Carbonic Canadian Corporation, dry ice	109.26	
Lyndon Scientific Co., glassware, thermometers, etc.	621.22	
Mack Printing Co., reprints	12.79	
Mallinckrodt Chemical Works, chemicals	185.44	
Merck & Co., chemicals	582.93	
Mimeograph Co., ink, paper, stencils, etc.	261.19	
National Drug & Chemical Co., chemicals	12.23	
Nichols Chemical Co., chemicals	123.23	
Ohmite Mfg. Co., rheostats	29.36	
Ontario Cork Co., corks	134.66	
Postage	70.06	
Richardson, Bond & Wright, log cards	81.24	
E. M. Tozer, crushing stone	12.60	
Vicking Distributing, ether	43.68	
Walker Metal Products, wire	15.42	
Wall Chemicals, oxygen	54.83	
Westman Publications, reprints	10.00	
University Press, printing, stationery, reprints	921.12	
Accounts under $10 (19)	95.30	
Sundry disbursements by department:		
Hardware, $55.90; chemicals, $41.10; telegrams, car tickets, stationery, $21.33; groceries, $10.75; sundries, $50.90	179.98	
Superintendent's Dept., freight, $88.59; telephones, $4.66; labour, $326.70; material, $599.70	1,019.65	
Repairs and Renewals ($483.07):		
Central Scientific Co., repairing pump	26.95	
Superintendent's Dept., labour, $313.27; material, $142.85	456.12	
Clerical Assistance ($154.65):		
W. Banton, 213 hours	85.20	
Miss M. Carson, 5 hours	1.70	
R. Fortescue, 50 hours	20.00	
Miss I. Maloney, 6 days	14.25	
W. A. E. McBryde, 72½ hours	29.00	
Miss M. Thorne, 2 days	4.50	
	$11,102.12	
Less credits: Laboratory deposits, $4,061.82; sale of material, etc., $178.55; materials returned, $12.28	4,252.65	
		$ 6,849.47
Physical Chemistry:		
Supplies, chemicals, etc:		
Aikenhead Hardware, hardware	$ 13.75	
Bausch & Lomb Optical Co., spectrum measuring magnifier	14.03	

Canadian Industries Ltd., chlorine	$ 18.50	
Canadian Laboratory Supplies, glassware, chemicals, etc.	106.16	
Central Scientific Co., glassware, funnels, flasks, etc.	65.32	
R. H. Chappell, glass blowing	99.81	
Cheney Chemicals, gas	19.90	
T. Eaton Co., tools	14.40	
Instruments Ltd., chemicals	69.15	
Johnson Matthey & Co., platinum	31.82	
Mack Printing Co., reprints	21.73	
Ohmite Mfg. Co., rheostat	23.55	
Ontario Cork Co., cork	50.30	
Wall Chemical, oxygen	28.00	
Accounts under $10 (10)	51.26	
Superintendent's Dept., freight, $5.44; labour, $1.05; material, $44.62	51.11	
		$ 678.79
Electro-Chemistry:		
Supplies and apparatus ($2,442.73):		
A. & A. Radio Co., radio parts, tubing	$ 29.13	
Aikenhead Hardware, hardware	10.26	
Alpha Beacon Radio Co., radio parts	37.20	
Canadian Laboratory Supplies, glassware, chemicals, etc.	763.28	
General Radio Co., oscillator	38.02	
Guardian Electric, relays, etc.	19.47	
M. P. Hofstetter, repairs to calculator	14.00	
W. H. Kubbinga, machine work	41.25	
Leeds and Northrup Co., galvanometer, potentiometer	159.50	
W. R. McKee, repairing motors	12.00	
Merck & Co., mercury	198.00	
Photographic Service Dept., slides, prints, plates	28.46	
Powerlite Devices, fuses	12.45	
Radio Trade Supply Co., radio parts	168.95	
Richardson, Bond & Wright, graph sheets, forms	83.88	
Sensitive Research Institute Corporation, milliometer	35.51	
Synthetic Drug Co., demijohns	24.00	
Toronto Hydro Electric System, parts	12.90	
Wall Chemicals, oxygen	13.00	
Williams and Wilson, elements	141.28	
University Press, printing and stationery	43.21	
Accounts under $10 (10)	63.80	
Sundry disbursements by department	13.10	
Superintendent's Dept., freight, $49.12; labour, $168.25; material, $262.71	480.08	
New equipment and alterations:		
Superintendent's Dept., labour, $143.83; material, $143.80	287.63	
	$ 2,730.36	
Less Credits: Laboratory deposits, $67.75; sale of material, etc. $8.00	75.75	
		$ 2,654.61
Organic Chemistry Research:		
Supplies, apparatus and equipment:		
Ace Glass Inc., filter, tubes	$ 22.20	
Allen Mfg. Co., laundry	18.78	
Ayerst, McKenna & Harrison, chemicals, analysis	50.00	
Baker Platinum of Canada, platinum chloride	94.91	
British Drug Houses, chemicals	573.01	
Canadian Industries Ltd., chemicals	83.61	
Canadian Laboratory Supplies, glassware, goggles, heaters, etc.	337.63	
Central Scientific Co., glassware, thermometers, etc.	582.66	
R. H. Chappell, glass blowing	15.00	
Columbia University, chemical analysis	35.83	
Corning Glass Works, glassware, tubes	88.86	
Fisher Scientific Co., glassware, tubes, etc.	201.40	
Foyle Coppersmith Works, stability bath	91.00	
Gilman Paint & Varnish Co., nickel alum	12.48	
E. Hookway Glass Works, glassware	22.00	
Ingram & Bell, glassware, chemicals, oven	82.55	

Instruments Ltd., mercury lamp, tubes, etc.	$ 199.00	
Raymond J. McDougall, photostats	24.25	
Mack Printing Co., reprints	12.57	
Martin Drug Co., mesquite gum	13.50	
Medicine Hat Potteries, crocks	12.00	
Microchemical Service, combustion tubes	31.33	
Stephen M. Nagy, microanalyses	94.63	
Miss Shirley Platt, analytical work	460.00	
Scientific Glass Apparatus Co., glassware	100.89	
Standard Chemical Co., acetone	23.50	
C. H. Taylor, apparatus repairs	14.00	
Arthur H. Thomas, tubing	10.84	
Miss C. Wallace, cleaning	15.35	
S. S. White Co., oxygen	66.80	
University Press, printing and stationery	25.91	
Accounts under $10 (15)	66.66	
Sundry disbursements by department:		
Hardware, $11.15; stationery, $7.46; sundries, $28.83	47.44	
Superintendent's Dept., freight, $56.98; labour, $115.00; material, $328.90	500.88	
		$ 4,031.47
		$ 14,214.34

30. Biology

Laboratory and lecture room supplies, museum specimens and catalogue ($5,551.09):

Aikenhead Hardware, hardware	$ 86.55	
Allen Mfg. Co., laundry	65.04	
Art Metropole, hygrograph	71.63	
Bausch & Lomb Optical Co., magnifier	27.00	
Biological Abstracts, subscription	28.03	
Biological Supply Co., specimens	136.74	
W. E. Booth Co., photo plates	35.31	
British Drug Houses, chemicals	21.11	
British Xylonite Co., bexoid	10.01	
F. J. Burns & Co., frogs	156.41	
Burrell Technical Supply Co., chemicals	17.02	
Canada Packers, meat, blood, etc.	25.87	
Canadian General Electric Co., resistance wire, projection lamps	41.69	
Canadian Laboratory Supplies, glassware	57.17	
Walter A. Carveth, microscope parts, lenses, etc.	285.50	
Central Scientific Co., glassware, chemicals, tubes, etc.	430.55	
R. H. Chappell, glass blowing	10.50	
Corbett-Cowley, laboratory coats	185.65	
Eastern Engineering Co., pumps	69.80	
Eastman Photographic Stores, plates, slides, chemicals	46.47	
T. Eaton Co., bowls, feed, rubber gloves, etc.	90.30	
Emmett's Small Stock Farm, animals	238.78	
Miss V. Englehert, prism binocular	50.00	
Freyseng Cork Co., corks	14.35	
General Biological Supply, specimens	38.28	
D. Gestetner (Canada), stencils, ink, interleave attachment	131.60	
Gevaert Co. of Canada, photo plates, slides, paper	45.89	
J. F. Hartz Co., drug supplies	15.55	
Halliday Flint Glass Works, vials	53.56	
Ingram & Bell, drugs, tubes, serum, etc.	92.67	
Instruments Ltd., drafting set	19.95	
Johnson Matthey & Co., acids	10.20	
Lake Simcoe Ice & Fuel, ice	11.00	
Leeds and Northrup, motor	30.67	
M. J. LeRay, collecting class material	50.00	
Lever Bros., glycerine	77.06	
Lowe Martin Co., cards	22.93	
Maple Leaf Milling Co., feed	22.90	
Marine Biological Laboratories, specimens	55.53	
Medicine Hat Pottery, crocks	28.44	
Merck & Co., chemicals	41.04	
Mitchell & McGill, transfer cases, blocks	12.50	
Murphy's Drug Store, films	84.10	
Postage	31.00	
L. A. Prince, preparing specimens	40.00	

Richards Glass Co., jars	$ 33.00	
Ralston Purina Co., feed	81.98	
Robbins and Townsend, reconditioned adding machine	65.00	
Royal Ontario Museum, books, specimens	39.60	
J. H. Ryan, repairing books	55.15	
Rudolph Schick, charts	25.50	
Servel (Canada) Ltd., Servel Electrolux unit	65.00	
Stephens Sales Ltd., carbon paper, stationery	113.73	
Arthur H. Thomas, grinding plate, glassware	38.96	
Ward's Natural Science Establishment, books	12.39	
Wholesale Radio Co., radio parts	34.22	
Wistar Institute of Anatomy & Biology, card service	34.97	
University Press, reprints, cards, stationery	417.30	
Accounts under $10 (41)	176.15	
Sundry disbursements by department:		
Telegrams, drugs and office supplies, $44.28; hardware and groceries, $26.56; gasoline, $24.50; sundries, $54.84	150.18	
Superintendent's Dept., freight, $204.04; labour, $269.64; material, $617.93	1,091.61	
Marine Laboratories, Collecting:		
W. J. LeRay	50.00	
Furnishings, fittings and new equipment ($1,382.80):		
Bay Salvage Co., files, filing cabinet	36.00	
Wilson Stationery & Printing Co., transfer cases	22.03	
Accounts under $10 (2)	8.50	
Superintendent's Dept., labour, $503.79; material, $812.48	1,316.27	
Incidentals ($411.93):		
Bark & Mortimer, insurance premium covering camera	10.00	
Postage	62.00	
Robbins and Townsend, typewriter maintenance	26.70	
Stainton & Evis, stationery	29.60	
University Press, stationery	240.34	
Accounts under $10 (9)	43.29	
	$ 7,395.82	
Less Credits: Laboratory deposits, $745.05; sale of material, $26.00	771.05	
		$ 6,624.77

31. Botany

Laboratory and office supplies, labour, etc. ($2,966.44):		
Allen Mfg. Co., laundry	$ 49.36	
Dr. D. L. Bailey, travelling expenses	10.00	
W. E. Booth Co., photo plates, slides	99.52	
British Drug Houses, chemicals	157.88	
Canadian Johns Manville Co., felt	16.93	
Canadian Laboratory Supplies, glassware, etc.	210.12	
Canadian Pad & Paper Co., mimeo paper	29.86	
Carbide and Carbon Chemicals Co., chemicals	10.83	
Central Scientific Co., glassware, chemicals, etc.	210.50	
Corbett-Cowley Ltd., laboratory coats	18.84	
Eastman Photographic Stores, film, plates, etc.	160.30	
Fisher Scientific Co., clamps, tubing	51.59	
Frigidaire Division, General Motors of Canada, service	26.42	
Grand and Toy, stationery	42.65	
J. F. Hartz Co., cover glasses, slides	50.44	
W. Hemingway Research Laboratory, fossils	47.04	
Johnson and Johnson, absorbent cotton	11.50	
Kelvinator of Canada, repairs	72.00	
W. Kent, repairs to desk	10.50	
Mallinckrodt Chemical Works, chemicals	44.02	
Marine Biological Laboratory, specimens	10.34	
Medicine Hat Potteries, crocks	11.76	
Mrs. I. Miller, 291 hours, clerical assistance	174.60	
Mimeograph Co., ink	12.50	
Postage	69.00	
Richards Glass Co., vials, caps, glassware	42.01	
Robbins and Townsend, typewriter maintenance	96.80	

Royal Ontario Museum, specimens	$ 30.00	
J. H. Ryan, binding	13.00	
Stephen Sales Co., stencils, ink, paper	27.60	
Telfer Paper Box Co., filing cases, trays	42.95	
Prof. R. B. Thompson, travelling expenses sundry members of the staff	30.00	
Miss M. Wallace, washing microscope cloths	23.03	
Edward Wicki & Co., dissecting blades	44.68	
University Press, stationery, binding, printing	438.77	
Accounts under $10 (30)	125.92	
Sundry disbursements by department:		
Groceries, $18.20; postage, $16.50; drugs and stationery, $15.74; hardware, telegrams, and carfare, $19.00; sundries, $42.70	112.14	
Superintendent's Dept., freight, $48.75; labour, $74.32; material, $207.97	331.04	
Herbaria, Bear Island Laboratory ($249.55):		
J. Britnell & Son, specimens	35.00	
W. Manger, specimens	10.98	
Office Specialty Mfg. Co., herbaria case	148.00	
Provincial Treasurer, rental of Bear Island lot	10.00	
A. E. Roland, specimens	20.00	
Accounts under $10 (3)	13.99	
Superintendent's Dept., labour, $3.00; material, $8.58	11.58	
Botanic Gardens and Greenhouses, supplies and labour ($2,087.60):		
W. M. C. Chilton, greenhouse assistant, 12 mos.	900.00	
D. S. Hull, greenhouse assistant, 194½ hours	77.80	
Medicine Hat Potteries, flower pots	33.48	
Ocean Chemicals, fumigating	24.00	
Miss G. S. Taylor, 12 mos.	800.00	
Prof. R. B. Thompson, travelling expenses sundry members of staff	20.75	
E. Webb & Sons, chemicals, sprays	17.80	
Accounts under $10	28.45	
Superintendent's Dept., labour, $95.17; material, $90.15	185.32	
Apparatus and Equipment ($542.92):		
Art Metropole, condenser	14.70	
American Instrument Co., mercury relay	39.93	
Canadian Westinghouse Co., sterilamps and fixtures	53.58	
Central Scientific Co., flasks, thermometers, burrettes	92.94	
Eastern Engineering Co., pump, temperature regulator	52.36	
General Office Furniture Co., desk	37.00	
Office Specialty Mfg. Co., file, chair, book ends	113.95	
Scott Engineering Co., repairs on refrigerating unit	12.50	
H. V. Steer, apparatus repairs	43.15	
Accounts under $10 (2)	11.05	
Superintendent's Dept., freight, $2.30; labour, $58.58; material, $10.88	71.76	
	$ 5,846.51	
Less Credits: Laboratory deposits, $492.20; sale of material, $135.51	627.71	
		$ 5,218.80

32. History

Class room supplies ($158.10):		
G. M. Hendry Co., blackboard, maps	$ 12.30	
Mimeograph Co., stencils, paper, ink	10.50	
Postage	20.00	
University Press, stationery and printing	74.18	
Accounts under $10 (4)	18.86	
Superintendent's Dept., freight, 46c; labour, $11.60; material, $10.20	22.26	
Secretarial Assistance:		
Miss F. G. Hahn, 9 months	900.00	
Research Expenses ($34.23):		
W. K. Bryden, travelling expenses	13.30	
Miss E. Frumhartz, travelling expenses	20.93	
		$ 1,092.33

33. Anthropology

Class room supplies:		
University Press, stationery	$ 16.47	
		$ 16.47

34. Archaeology

Class room supplies:		
Buntin Reid Co., mounting board	$ 19.83	
Eastman Photographic Stores, tissue	12.06	
Office Specialty Mfg. Co., guides, cards	10.67	
Photographic Service, slides, prints	146.20	
Ryerson Press	.30	
University Press, stationery	10.26	
		$ 199.32

35. Fine Art

Equipment ($31.92):		
W. Adamowich, frames	$ 14.40	
T. Eaton Co., hall tree	4.95	
University Press, book ends	12.57	
Slides, journals, stationery, use of lantern and operator ($743.63):		
Artists' Supply Co., colours, brushes, chalk, etc.	146.41	
Museum of Modern Art, membership dues	11.28	
Photographic Service, lantern service, slides	349.05	
United Church Publishing House, slides	10.45	
University Press, printing and stationery	47.13	
Accounts under $10 (9)	31.76	
Sundry disbursements by department:		
Model fees, $71.80; hardware, stationery, drugs, $15.30; sundries, $46.09	133.19	
Superintendent's Dept., freight, $10.36; labour, $1.77; material, $2.23	14.36	
		$ 775.55

36. Geography

Maintenance ($125.24):		
University Press, printing and stationery	$ 57.23	
Accounts under $10 (7)	26.09	
Sundry disbursements by department:		
Hardware, $13.35; postage, $8.50; sundries, $7.95	29.80	
Superintendent's Dept., freight, 91c; labour, $6.05; material, $5.16	12.12	
Apparatus and furniture ($153.30):		
Photographic Service, slides	33.50	
Charles Potter, lantern equipment	34.40	
University Press, text books, zinc plate	53.35	
Accounts under $10 (3)	6.08	
Superintendent's Dept., labour, $6.11; material, $19.86	25.97	
		$ 278.54

37. Political Economy

Office and class room supplies and equipment ($890.40):		
Letter Shop Supply Co., stencils	$ 16.00	
Jos. McDowell & Co., calculating machine maintenance	28.00	
Postage	125.50	
Robbins and Townsend, typewriter maintenance	12.00	
Roneo Co. of Canada, stationery, paper, ink	103.95	
University Press, printing and stationery	226.62	
Accounts under $10 (12)	45.89	
Travelling expenses of Lecturers in Sociology and Social Science:		
H. McD. Clockie	90.95	
J. A. Corry	13.25	
H. E. Dougall	42.24	
C. H. McIlwain	61.33	
R. A. MacKay	7.75	
A. W. MacMahon	40.88	
G. L. Wilson	49.95	
Guest rooms in Hart House	13.00	
Superintendent's Dept., freight, $1.08; labour, $11.38; material, 63c.	13.09	

Clerical Assistance ($1,810.00):		
Miss E. J. McKee	$ 1,025.00	
Miss G. Turnbull	785.00	
	$ 2,700.40	
Less credits: Sale of material	324.85	
		$ 2,375.55

38. Law

Office and class room supplies:		
Postage	$ 93.00	
University Press, printing, stationery	45.86	
		$ 138.86

39. Philosophy

Supplies, clerical assistance, etc:		
Miss H. DesBrisay, 147 hours	$ 73.50	
Mrs. I. Stewart, 33½ hours	16.60	
University Press, stationery, printing	16.17	
		$ 106.27

40. Psychology

Supplies ($1,330.37):		
Canadian National Telegraphs, wires	$ 23.25	
T. Eaton Co., tables	14.85	
Engineering Society, University of Toronto, drafting boards	14.25	
General Films, film	10.50	
D. Gestetner, ink, stencils	95.60	
Geo. M. Hendry Co., colour chart	13.16	
Kelly Feed and Seed Co., feed	15.30	
Postage	55.50	
Rex Laboratories, rats	11.00	
Robbins and Townsend, typewriter maintenance	13.60	
John B. Smith & Sons, lumber	68.53	
University of Chicago Press, criminal scale forms	10.95	
University of Minnesota Press, tests	12.39	
University Press, printing, stationery, binding	570.49	
World Book Co., tests	29.83	
Accounts under $10 (16)	52.14	
Sundry disbursements by department:		
Hardware, $8.83; telephone, laundry and stationery, $3.65; postage, $4.00; sundries, $33.93	50.41	
Superintendent's Dept., freight, $21.15; labour, $9.60; material, $237.87	268.62	
Apparatus and Equipment ($590.94):		
Aikenhead Hardware, gear cutters	14.70	
Beardmore & Co., belting	21.68	
R. C. Buch, conditioning chronographs	19.50	
Canadian General Electric Co., telechron motors	49.98	
Central Scientific Co., stop watches	96.11	
Consolidated Optical Co., adoptometers, stereoscopes	97.65	
T. Eaton Co., tables	20.25	
Ingram & Bell, scale	9.55	
Instruments Ltd., pen stencil set	12.50	
Arthur Jackson Machine Tools, timers	44.82	
Marietta Apparatus Co., amalyoscope, tests, etc.	81.62	
Leonard A. Philp & Co., repairing calculating machine	43.76	
Phipps and Bird Inc., inductorim	19.33	
J. Frank Raw, slide rule	10.25	
R.C.A. Victor Co., records	12.80	
University Press, tests, text books	24.44	
Superintendent's Dept., labour, $1.65; material, $10.35	12.00	
Clerical Assistance:		
Mrs. W. Mussen, 12 mos.	1,100.00	
Laboratory Attendance ($1,550.00):		
Miss G. Evans, 12 mos.	400.00	
Miss D. D. Hearn, 12 mos.	1,150.00	
Laboratory Cleaning ($88.17):		
D. G. LeRay	60.00	
E. G. Payne, overtime services	2.50	
Superintendent's Dept., labour	25.67	
		$ 4,659.48

41. Italian and Spanish

Supplies and Clerical Assistance:		
Miss E. Rugg, 290 hours	$ 203.00	
Robbins and Townsend, typewriter maintenance	.60	
University Press, stationery, directories	20.39	
		$ 223.99

42. Military Studies

Office and General Expenses:		
J. M. Dent and Son, subscription	$ 10.00	
Information on Foreign Affairs, subscription	10.00	
Accounts under $10 (4)	22.31	
		$ 42.31

43. University College Departments

Class room supplies:		
Classics ($149.60):		
Classical Journal, reprints	$ 2.01	
Miss C. E. Stubbs, typing	50.00	
University Press, stationery, directories	97.59	
English:		
University Press, stationery	15.12	
French ($155.36):		
Photographic Service, lantern service	1.00	
University Press, text books, stationery, directories	153.54	
Superintendent's Dept., freight	.82	
German ($71.95):		
Ontario Typewriter Co., reconditioned typewriter	49.85	
University Press, stationery	21.49	
Superintendent's Dept., freight	.61	
Semitics ($46.57):		
Photographic Service, negatives, prints	8.10	
University Press, text books, stationery	38.47	
		$ 438.60

44. University College General Expenses

Office supplies, stationery, printing and incidentals ($713.40):		
D. Gestetner, stencils, ink, fluid	$ 149.80	
Postage	180.00	
Robbins and Townsend, typewriter maintenance	18.00	
Standard Engravers, engravings for bulletin	50.00	
The Undergraduate, copies for distribution in secondary schools	22.50	
University Press, stationery, printing, directories	275.68	
Accounts under $10 (3)	15.62	
Superintendent's Dept., labour	1.80	
Messenger Service:		
C. Collinson, 42 weeks, 5 days	450.00	
Sundry Expenses of the Principal ($206.35):		
Robt. Simpson Co., first year reception, men's residence tea, scholarship tea	149.60	
Patterson & Heward, brass inscription plates	10.80	
Student's Administrative Council, 4 pages in "Torontonensis"	40.00	
Accounts under $10 (2)	5.50	
Superintendent's Dept., labour	.45	
		$ 1,369.75

45. University College Building

Heat and Light	$ 6,016.10	
Gas, $84.80; water, $119.16	203.96	
Caretaker's Supplies:		
Superintendent's Dept., material	532.46	
Cleaning ($5,087.85):		
Allen Mfg. Co., laundry	30.90	
A. G. Keel, overtime services	10.75	
White Window Cleaning Co.	60.00	
Superintendent's Dept., labour	4,986.20	

Repairs and Renewals ($4,746.52):			
Wm. Bartlett & Sons, shades		$ 12.87	
Brown's Upholstery, covering chesterfield and chairs		177.50	
F. J. Routery, plastering repairs		1.17	
Superintendent's Dept., labour, $3,427.17; material, $1,127.81		4,554.98	
Caretaker, W. J. Scott, 12 mos. (and overtime $118.00)		1,500.00	
		$18,086.89	
Less credits: Heat and light charged to Central Power Plant	$6,016.10		
Sundry Credits: cleaning, $447.95; repairs, $478.30; supplies, $64.75	991.00		
		7,007.10	
			$ 11,079.79

46. McLennan Laboratory (Physics)

Heat and light		$ 6,416.73	
Gas, $207.96; water, $265.33		473.29	
Caretaker's supplies:			
Superintendent's Dept., material		191.31	
Cleaning ($2,068.99):			
Allen Mfg. Co., laundry		12.30	
White Window Cleaning Co.		35.00	
H. Hill		137.75	
A. Clarke		24.00	
Superintendent's Dept., labour		1,859.94	
Repairs and Renewals ($3,008.79):			
Wm. Bartlett and Son, shades		29.96	
City Treasurer, elevator license		5.00	
Johnson Temperature Regulating Co., repairs to system		44.30	
Superintendent's Dept., labour, $1,893.31; material, $1,036.22		2,929.53	
Caretaker, H. Hill, 12 mos. (and overtime, $100.24)		1,500.00	
		$13,659.11	
Less heat and light charged to Central Power Plant	$6,416.73		
Credit for cleaning	17.25		
Charged to T.F. Dominion Government Grant Navy Technical Class, for cleaning, $187.50; caretaker's supplies, $75.00; gas, $22.50; water, $37.50; light, $52.50	375.00		
Charged to T.F. Dominion Government Grant Radio Technicians Course, for cleaning, $325.00; caretaker's supplies, $50.00; gas, $20.00; water, $30.00; light, $400.00	825.00		
		7,633.98	
			$ 6,025.13

47. Chemical Building

Heat and light		$ 3,515.65	
Gas, $484.92; water, $623.58		1,108.50	
Caretaker's supplies:			
Superintendent's Dept., material		205.07	
Cleaning ($1,771.76):			
Allen Mfg. Co., laundry		20.20	
White Window Cleaning Co.		12.00	
Superintendent's Dept., labour		1,739.56	
Repairs and Renewals:			
Superintendent's Dept., labour, $1,002.32; material, $236.70		1,239.02	
Caretaker (paid as laboratory assistant, with rooms, heat and light valued at $420.00 chargeable against building and included in above)		.....	
		$ 7,840.00	
Less heat and light charged to Central Power Plant	$3,515.65		
Sundry credits, cleaning	6.50		
		3,522.15	
			$ 4,317.85

48. Biological Building

Heat and light		$ 3,297.65	
Gas, $89.53; water, $503.17		592.70	
Caretaker's supplies:			
Superintendent's Dept., material		208.75	
Cleaning ($1,893.06):			
Allen Mfg. Co., laundry		15.80	
White Window Cleaning Co.		18.00	
Superintendent's Dept., labour		1,859.26	
Repairs and Renewals ($2,066.61):			
Wm. Bartlett and Son, shades		27.90	
Grant Contracting Co., filling pit		40.00	
W. E. Routery, plastering repairs		71.60	
Superintendent's Dept., labour, $1,562.53; material, $364.58		1,927.11	
Sundries; Women's lavatory ($1,998.99):			
Brooks Marble & Tile Co., terrazzo floor and base		225.45	
Geo. B. Meadows Co., toilet stalls		179.00	
W. E. Routery, plastering		154.95	
Alf. Sellers, labour and motor of tile partition		35.00	
Robt. Simpson Co., furniture		87.28	
Superintendent's Dept., labour, $766.53; material, $550.78		1,317.31	
Caretaker, A. J. Wright, 12 mos. (with rooms, heat and light valued at $300.00)		1,150.00	
		$11,207.76	
Less heat and light charged to Central Power Plant	$3,297.65		
Sundry credits: cleaning, $24.00; caretaker's supplies. $5.00	29.00		
		3,326.65	
			$ 7,881.11

49. Botanical Building

Heat and light		$ 4,097.71	
Gas, $69.68; fuel oil, $45.00; water, $276.34		391.02	
Caretaker's supplies:			
Superintendent's Dept., material		173.54	
Cleaning ($2,063.97):			
Allen Mfg. Co., laundry		17.25	
White Window Cleaning		40.00	
Superintendent's Dept., labour		2,006.72	
Repairs and renewals ($1,050.14):			
Brooks Marble & Tile Co., mastic work		28.90	
City Treasurer, elevator license		5.00	
Service Station Equipment Co., motor repairs		24.51	
Superintendent's Dept., labour, $828.04; material, $163.69		991.73	
Caretaker; W. V. Walker, 12 mos. (and overtime, $5.00)		1,350.00	
		$ 9,126.38	
Less heat and light charged to Central Power Plant	$4,097.71		
Sundry credits: cleaning	61.50		
		4,159.21	
			$ 4,967.17

50. Baldwin House (History)

Light		$ 173.35	
Fuel, Halliday Bros.		621.55	
Gas, $11.38; water, $41.09		52.47	
Caretaker's supplies:			
Superintendent's Dept., material		53.94	
Cleaning and furnaceman ($380.86):			
Allen Mfg. Co., laundry		4.10	
White Window Cleaning Co.		7.00	
Superintendent's Dept., labour		369.76	

Repairs and renewals:			
Superintendent's Dept., labour, $466.50; material, $99.34		$ 565.84	
Caretaker, G. A. Town, 12 mos. (and overtime $30.00)		1,350.00	
		$ 3,198.01	
Less light charged to Central Power Plant	$173.35		
Sundry Credits: cleaning	32.50		
		205.85	
			$ 2,992.16

51. No. 43 St. George Street

Light	$ 27.63	
Fuel ($265.66):		
Halliday Bros.	265.16	
Superintendent's Dept., labour	.50	
Gas, $8.66; water, $8.10	16.76	
Caretaker's supplies:		
Superintendent's Dept., material	58.24	
Cleaning, furnaceman, etc. ($485.00):		
J. Harkness, 134½ days	35.92	
D. Harrison, 107 days	17.80	
A. Worthy, 7 days	1.16	
Accounts under $10 (2)	9.00	
Superintendent's Dept., labour	421.12	
Repairs and renewals:		
Superintendent's Dept., labour, $63.90; material, $26.27	90.17	
	$ 943.46	
Less light charged to Central Power Plant	27.63	
		$ 915.83

52. No. 45 St. George Street

Light	$ 41.54	
Fuel ($422.49):		
Halliday Bros.	421.73	
Superintendent's Dept., labour	.76	
Gas, $25.91; water, $9.47	35.38	
Caretaker's supplies:		
Superintendent's Dept., material	41.03	
Cleaning ($428.66):		
New York Window Cleaning	4.50	
Superintendent's Dept., labour	424.16	
Repairs and renewals ($362.56):		
Wm. Bartlett and Son, shades	4.15	
T. Eaton Co., tables and chairs	178.50	
Superintendent's Dept., labour, $123.98; material, $55.93	179.91	
	$ 1,331.66	
Less light charged to Central Power Plant	$41.54	
Sundry credits: cleaning	13.75	
	55.29	
		$ 1,276.37

53. No. 47 St. George Street

Fuel ($218.14):		
Halliday Bros.	$ 217.76	
Superintendent's Dept., labour	.38	
Electric Current, $66.70; water, $8.00	74.70	
Caretaker's supplies:		
Superintendent's Dept., material	27.67	
Cleaning, furnaceman, etc. ($304.48):		
J. Harkness, 120½ days	32.18	
D. Harrison, 84 days	22.44	
White Window Cleaning	2.50	
Superintendent's Dept., labour	247.36	

Repairs and renewals:			
Superintendent's Dept., labour, $94.52; material, $19.65		$ 114.17	
		$ 739.16	
Less sundry credits		27.50	
			$ 711.66

54. Economics Building

Light		$ 6.00	
Fuel ($1,795.61):			
Halliday Bros.		31.78	
Elias Rogers Co.		1,763.83	
Gas, $104.37; electric current, $1,475.93; water, $90.84		1,671.14	
Caretaker's supplies:			
Superintendent's Dept., material		334.34	
Cleaning and furnacemen ($2,787.42):			
Allen Mfg. Co., laundry		20.70	
H. Britton, 22 weeks, 6 days		437.14	
W. Van Ark, overtime services		.50	
White Window Cleaning Co.		30.00	
Superintendent's Dept., labour		2,299.08	
Repairs and renewals ($2,348.78):			
Wm. Bartlett and Son, shades		24.36	
Canadian Inspection & Testing Co., chemical analyses		18.00	
Toronto Hydro Electric System, power service lead		46.35	
Accounts under $10 (4)		15.57	
Superintendent's Dept., labour, $1,772.95; material, $471.55		2,244.50	
Caretaker, J. McCormack, 12 mos. (and overtime, $53.65)		1,300.00	
		$10,243.29	
Less light charged to Central Power Plant	$6.00		
Sundry credits: cleaning, caretaker's supplies, etc.	41.09		
		47.09	
			$ 10,196.20

55. Psychology Buildings

Light		$ 108.05	
Fuel ($950.30):			
Halliday Bros.		949.92	
Superintendent's Dept., labour		.38	
Gas, $15.52; electric current, $195.30; water, $32.91		243.73	
Caretaker's supplies:			
Superintendent's Dept., material		70.73	
Cleaning, furnaceman, etc. ($1,543.03):			
Allen Mfg. Co., laundry		6.90	
D. Harrison, 17 weeks, 3 days		255.96	
White Window Cleaning Co.		12.75	
A. Worthy, 7 days		6.30	
Superintendent's Dept., labour		1,261.12	
Repairs and renewals:			
Superintendent's Dept., labour, $614.56; material, $166.26		780.82	
		$ 3,696.66	
Less light charged to Central Power Plant		108.05	
			$ 3,588.61

56. David Dunlap Observatory

Fuel:		
Elias Rogers Co.	$ 511.66	
Electric current	735.42	
Caretaker's supplies:		
Superintendent's Dept., material	35.51	
Repairs and renewals ($171.84):		
Frank McGrath, painting ceiling	11.50	
E. F. Roberts and Co., repairing pump	15.00	
Toronto Salt Works, salt	17.00	
Superintendent's Dept., labour, $65.80; material, $62.54	128.34	

Sundries ($1,031.49):			
Bell Telephone Co., telephone		$ 54.00	
Superintendent's Dept., labour, $955.43; material, $22.06		977.49	
Caretaker, T. Mackenzie, 12 months (with house valued at $15.00 per month and overtime $52.50)		840.00	
		$ 3,325.92	
Less credits: fuel, $72.00; cleaning, $2.00		74.00	
			$ 3,251.92

57. Military Studies Building (119 St. George Street)

Maintenance:			
Electric current, $347.31; water, $18.81		$ 366.12	
Allen Mfg. Co., laundry		10.40	
Wm. Bartlett & Son, shades		21.14	
Halliday Bros., fuel		453.88	
W. J. Robertson, re-roofing garage		150.00	
Elias Rogers Co., fuel		121.37	
White Window Cleaning Co.		7.00	
Superintendent's Dept., labour, $887.58; material, $461.21		1,348.79	
Caretaker: F. Westhead, 6 mos. (paid also $450.00 by C.O.T.C.)		150.00	
M. Morrison, 1,436 hours		631.84	
		$ 3,260.54	
Less share of maintenance paid by C.O.T.C.	$660.54		
Sundry credits, cleaning, etc.	90.00		
		750.54	
			$ 2,510.00

58. 184 College Street

Light		$ 153.25	
Fuel ($402.58):			
Halliday Bros.		398.58	
Superintendent's Dept., labour		4.00	
Gas, $20.30; water, $20.17		40.47	
Caretaker's supplies:			
Superintendent's Dept., material		56.26	
Cleaning ($312.32):			
New York Window Cleaning Co.		4.00	
Superintendent's Dept., labour		308.32	
Repairs and renewals:			
Superintendent's Dept., labour, $250.48; material, $42.87		293.35	
		$ 1,258.23	
Less light charged to Central Power Plant	$153.25		
Sundry credits, cleaning	13.50		
		166.75	
			$ 1,091.48
			$894,364.12

VII. FACULTY OF MEDICINE

59. Salaries

Administration

W. E. Gallie, Dean (paid also $10,000 as Professor of Surgery)	$ 1,000.00
E. S. Ryerson, Assistant Dean and Secretary of Faculty, also Director of Physical and Health Education (paid also $300 as Assistant Professor of Surgery; $360 in Dentistry, and $200 for Extension Work)	5,200.00
Miss T. W. MacLaren, Secretary to the Dean (without salary—paid $1,500 in Surgery)	.....
Assistants:	
Miss M. Jones	1,900.00
Miss O. Russell	1,850.00
Miss A. Perry, Clerk	1,600.00
Messenger:	
H. Saunders at $875 (on war service)	.....
A. Jeffreys, 49 weeks at $16.80	823.20

Hospital Theatre, Toronto General Hospital:		
Charles Hart, Attendant (paid also $10 for Post Graduate Course and $3.00 overtime)	$ 1,550.00	
J. Martin, Cloak Room Attendant, 30 weeks at $16.60	498.00	
		$ 14,421.20

Anatomy

Professors:		
J. C. B. Grant	$ 7,000.00	
W. H. Piersol at $5,100, of which half charged to Biology	2,550.00	
J. C. Watt	5,000.00	
Associate Professors:		
H. A. Cates	4,050.00	
A. W. Ham	4,000.00	
Assistant Professors:		
R. K. George (paid also $125 for Extension Work)	3,100.00	
C. G. Smith at $2,500 (including $200 paid by School of Nursing)	2,500.00	
Gracent Eidt, Fellow in Histology, 10 mos. (paid also $4.00 in Department of Anatomy)	1,100.00	
Assistants in Histology (Sessional):		
H. C. Elliott	600.00	
H. D. Ball (paid also $150 for Extension Work)	500.00	
Demonstrators (Sessional):		
Miss K. I. McMurrich (paid also in Athletics and Physical Education—Women)	800.00	
M. J. Wilson, Radiological Anatomy (paid also $200 from Medical Research—Best Fund and $500 in Men's Residences)	400.00	
N. C. Delarue (paid also $200 in Physiology)	325.00	
Charles Sheard, Jr., (paid also $200 in Physiology)	325.00	
W. D. Flatt (paid also $200 from Medical Research—Best Fund)	325.00	
W. J. Winthrope at $325 (resigned 28 February—paid also $125 in Physiology)	203.12	
A. E. Montgomery, Dental Anatomy	300.00	
F. P. McInnis	250.00	
R. G. McKenzie, 4 mos. (paid also $500 in Surgery)	162.50	
Miss V. Ryder, Histology	100.00	
G. A. Graham, (Neurology)	60.00	
B. Wintrob, (Neurology)	60.00	
W. E. L. Sparks at $55 (on war service)	.....	
H. E. LeMasurier, Senior Technical Assistant, at $1,900 (on war service) contribution to Pension Fund	52.25	
Technical Assistants:		
H. F. Whittaker (paid also $150 in Dentistry)	1,050.00	
G. A. L. Ross	1,000.00	
Miss G. Dowsley, Clerical Assistant	1,300.00	
B. L. Guyatt, Museum Curator (part time)	1,000.00	
Laboratory Assistants:		
H. McCormick	1,750.00	
C. E. Storton	1,100.00	
H. Lloyd at $520 per annum from 20 September	405.90	
A. Coopman, 3 mos. at $850 (ob. 9 September)	212.50	
	$41,581.27	
Less paid by School of Nursing	200.00	
		$ 41,381.27

Pathology and Bacteriology

Professors:		
William Boyd (paid also $20 in School of Nursing)	$ 8,000.00	
W. L. Holman, Bacteriology, also Associate Director of Applied Bacteriology	5,000.00	
W. L. Robinson, Pathology, also Associate Director of Applied Pathology	2,200.00	
Assistant Professors:		
W. Magner	300.00	
I. H. Erb	300.00	
G. Shanks	300.00	

Lecturers (Sessional):		
P. H. Greey, Bacteriology (paid also $30 for Post Graduate Course)	$ 1,800.00	
Dr. R. Margarite Price, Bacteriology and Serology	3,000.00	
D. E. O. Magner at $1,700 (on war service)	.....	
A. J. Kerwin, substitute for D. E. O. Magner	1,800.00	
D. N. Henderson, Associate, Gynaecological Pathology (without salary —paid $500 in Obstetrics and Gynaecology)	.....	
J. D. Duffin, Senior Fellow	1,200.00	
Fellows (Sessional):		
J. W. Stevenson, in Museum	850.00	
W. G. Rice at $1,000 (resigned 30 September)	250.00	
A. L. Gordon at $850 (resigned 31 March)	637.50	
C. E. Lindenfield, 3 mos. at $850	212.50	
Demonstrators (Sessional):		
Pathology:		
S. Hanson	850.00	
W. L. Donohue	100.00	
Dr. Mary I. Tom (paid also $2,000 in Neuropathology)	75.00	
M. A. Ogryzlo (paid also $1,000 in Neuropathology)	75.00	
E. J. Clifford, Bacteriology (without salary)	.....	
Assistants in Laboratory:		
Miss N. W. Simpson, Pathology	1,500.00	
Miss H. M. Boyd, Bacteriology	1,100.00	
Miss A. Alvey, Special Technician	1,200.00	
Miss C. M. Westlake, Technician	1,020.00	
Attendants for preparing Media:		
Miss E. A. Gordon, Senior Technician, Bacteriology	1,200.00	
Miss M. Jackson, Attendant, Bacteriology	840.00	
Laboratory Attendant, Bacteriology:		
K. Hayden	590.00	
A. Gibson, 22 days at $50 per month	35.50	
Miss G. K. R. Boyd, Secretary	1,260.00	
Miss V. L. McKinnon, Museum Stenographer	1,260.00	
Miss H. J. Williamson, Librarian and Assistant Secretary	1,020.00	
J. F. Payne, Preparator	1,800.00	
Mrs. Erna MacNeill, Junior Attendant in Museum	600.00	
Miss M. Wightman, Autopsy Recorder	960.00	
Mrs. G. F. Schreiber, Autopsy Technician	960.00	
	$42,295.50	
Division of Neuropathology:		
E. A. Linell, Professor	$ 4,500.00	
Dr. Mary I. Tom, Lecturer (Sessional—paid also as Demonstrator in Pathology)	2,000.00	
M. A. Ogryzlo, Fellow (Sessional—paid also as Demonstrator in Pathology)	1,000.00	
Technicians:		
Miss M. G. Hein	1,140.00	
Miss H. Rogers, Medicine and Surgery	1,020.00	
Miss C. A. Bell, Stenographer	1,200.00	
		$ 53,155.50

Pathological Chemistry

Andrew Hunter, Professor	$ 7,000.00	
T. F. Nicholson, Associate Professor	3,600.00	
Lecturer (Sessional):		
R. W. I. Urquhart at $1,000 (on war service)	.....	
D. L. Selby, substitute	1,000.00	
Fellows (Sessional):		
H. E. Woodward at $1,500 (resigned 30 April)	1,312.50	
A. G. Gornall	1,000.00	
Demonstrators (Sessional):		
D. H. Boddington	500.00	
J. S. Wilson	250.00	
G. P. Hamblin, Assistant (Sessional)	250.00	
C. E. Downs, Technician (paid also $42.75 for overtime)	1,500.00	
C. H. Downs, Laboratory Assistant	1,200.00	

Laboratory Attendants:		
Mrs. J. Faulds	$ 750.00	
Mrs. C. McCallum (paid also in Organic Chemistry)	350.00	
Miss C. A. Shannon, Secretary	1,200.00	
		$ 19,912.50

Pharmacy and Pharmacology

V. E. Henderson, Professor	$ 6,000.00	
G. H. W. Lucas, Associate Professor	4,000.00	
J. K. W. Ferguson, Assistant Professor, at $3,600 (on war service from February)	2,745.00	
D. D. Bonnycastle, Fellow (Sessional)	1,500.00	
Allan Brock, Technical Assistant	2,100.00	
A. C. Morrison, Technician	1,000.00	
C. Codner, Laboratory Attendant	1,160.00	
Miss D. Caldecott, Clerical Assistant	550.00	
		$ 19,055.00

Bio-Chemistry

Professors:		
H. Wasteneys (paid also $200 as Special Lecturer)	$ 6,000.00	
A. M. Wynne	4,200.00	
Leslie Young, Associate Professor	3,500.00	
B. F. Crocker, Lecturer (Sessional)	2,400.00	
Dr. Jeanne Manery Fisher, Demonstrator (Sessional—paid also $442.50 from Medical Research—Best Fund)	1,000.00	
Fellows (Sessional):		
Miss E. A. Macpherson	1,000.00	
Jules Tuba	950.00	
A. D. Barton	800.00	
F. L. Root at $800 (resigned 31 December)	300.00	
D. H. Laughland, 5 mos.	500.00	
Technicians:		
L. Sloan, Senior	1,700.00	
J. W. Fletcher	1,650.00	
J. H. McClary	1,150.00	
M. Edson	1,000.00	
Laboratory Assistants at $1,050:		
G. Lumbard, 2 mos. (resigned)	175.00	
Mrs. Lucy Lumbard, 11 mos.	962.50	
W. Clough	1,100.00	
Mrs. Ethel Wilkie, Laboratory Attendant	850.00	
Miss M. Delamere, Secretarial Assistant	1,350.00	
		$ 30,587.50

Physiology

Professors:		
C. H. Best (paid also in Connaught Laboratories; $2,500 from Medical Research—Best Fund, and $20 from University Press)	$ 6,000.00	
N. B. Taylor	4,800.00	
Associate Professors:		
D. Y. Solandt (paid also $400 in School of Hygiene and $300 from Medical Research—Best Fund)	3,700.00	
E. T. Waters (paid also $97.50 for Extension Work)	3,200.00	
E. H. Botterell, Lecturer (Sessional at $1,500; also in Surgery—on war service) T.I. & A.A. contribution	75.00	
E. Fidlar, Lecturer and Research Associate (Sessional—paid also $100 from Medical Research—Best Fund and $450 for Extension Work)	2,000.00	
Research Associates (Sessional):		
J. Campbell (paid also $600 from Medical Research—Best Fund)	1,400.00	
A. L. Chute at $1,500 (on war service from August)	375.00	
J. Markowitz (on war service from January)	100.00	
Research Assistants (Sessional):		
L. B. Jaques	1,200.00	
M. J. Wilson (paid also in Anatomy and Men's Residences)	100.00	

Fellows (Sessional):		
J. W. Dales	$ 700.00	
N. C. Delarue (paid also in Anatomy)	200.00	
Charles Sheard, Jr. (paid also in Anatomy)	200.00	
W. J. Winthrope at $200 (paid also in Anatomy—resigned 28 February)	125.00	
Dr. Margaret T. C. Mitford, Demonstrator, 10 mos.	1,000.00	
Miss M. Cory, Departmental Librarian	1,250.00	
Miss D. Secord, Secretarial Assistant (paid also $100 from Medical Research—Best Fund)	1,250.00	
F. L. Robinson, Technical Assistant and Glass-blower (paid also $500 from Medical Research—Best Fund)	2,000.00	
A. Elliott, Mechanician	1,850.00	
Technical Assistants:		
J. D. Brown, Geo-physics	1,500.00	
J. C. Howard (paid also $457.84 from Medical Research—Best Fund)	322.16	
G. Scattergood, Laboratory Attendant for Teaching Laboratories, at $1,350 (on war service) contribution to Pension Fund	34.40	
Animal Caretakers:		
G. L. Robinson at $1,350 (on war service from June, 1940)	143.44	
S. McCracken at $1,040 (on war service from August)	260.00	
J. D. Illingworth (temporary) 42 weeks, 1 day at $16 per week	674.67	
Assistant Animal Caretaker:		
A. D. Crouch at $1,100 (on war service from June, 1940)	119.40	
T. W. Kober (temporary)	825.00	
		$ 35,404.07

Hygiene and Preventive Medicine

D. T. Fraser, Professor (paid also in Connaught Laboratories)	$ 4,500.00	
Associate Professors:		
M. H. Brown at $1,100 (on war service) T.I. & A.A. contribution	55.08	
Dr. Frieda H. Fraser (paid also in Connaught Laboratories)	1,100.00	
P. J. Moloney (without salary—paid in Connaught Laboratories and $2,800 in School of Hygiene)	.....	
F. O. Wishart, Assistant Professor (paid also $250 from Special Fund)	3,000.00	
Lecturers (Sessional):		
Miss H. C. Plummer (paid also in Connaught Laboratories)	500.00	
E. L. Davey at $1,044 (on leave of absence without salary from 1 October to 30 June—paid also $375 in School of Hygiene)	261.00	
W. B. McClure, Special Lecturer in Parasitology (Easter Term)	100.00	
R. J. Wilson, Fellow (Sessional)	1,000.00	
Demonstrators (Sessional):		
A. M. Fallis	400.00	
A. M. Goulding (paid also $100 from Special Fund)	400.00	
R. Hare (paid also in Connaught Laboratories)	400.00	
Mrs. Ella Kuitunen (Easter Term)	500.00	
Class Assistants (Sessional):		
Dr. Laurella McClelland at $744 for 10 mos. (resigned 31 December)	297.60	
Miss G. Mickle, 6 mos.	500.00	
A. J. Bishop, Technician	800.00	
Miss F. E. Neill, Laboratory Assistant, 6 mos.	300.00	
Miss E. Barr, Secretarial Assistant	1,200.00	
		$ 15,313.68

Medicine and Clinical Medicine

Duncan Graham, Professor	$10,000.00	
Assistant Professors:		
R. F. Farquharson at $2,000, of which half charged to Therapeutics	1,000.00	
W. F. McPhedran (half time)	500.00	
Part time:		
H. K. Detweiler	300.00	
G. W. Howland (paid also $60 for Extension Work)	300.00	
J. D. Loudon	300.00	
J. A. Oille (paid also $20 in Health Service)	300.00	
E. J. Trow, in charge of Dermatology	300.00	

Associates:		
W. R. Campbell	$ 2,000.00	
Half time:		
Trevor Owen (paid also $115 in School of Nursing)	500.00	
W. P. Warner at $500 (on war service)	.....	
Part time:		
R. G. Armour (paid also $50 for Extension Work)	250.00	
J. H. Elliott (paid also $700 as Professor of History of Medicine; $40 in School of Nursing, and $30 for Extension Work)	250.00	
A. A. Fletcher (paid also $30 for Extension Work)	250.00	
Beverley Hannah (paid also $90 in School of Nursing)	250.00	
J. Hepburn	250.00	
F. W. Rolph	250.00	
J. A. Dauphinee, Senior Demonstrator, Clinical Microscopy (Sessional—without salary; paid as Junior Demonstrator)	.....	
Senior Demonstrators (Sessional):		
Half time:		
G. W. Lougheed	500.00	
H. H. Hyland at $500 (on war service)	.....	
Part time:		
Gordon Bates (paid also $20 in School of Nursing)	200.00	
G. F. Boyer	200.00	
E. A. Broughton	200.00	
E. E. Cleaver	200.00	
H. A. Dixon (paid also $15 in School of Nursing)	200.00	
J. G. Falconer (paid also $200 in School of Nursing and $50 for Extension Work)	200.00	
J. H. McPhedran	200.00	
E. J. Maltby	200.00	
W. E. Ogden	200.00	
Junior Demonstrators, Clinical Microscopy (Sessional):		
H. M. Gray at $250 (on war service)	.....	
A. H. Squires (temporary—also in Therapeutics without salary)	150.00	
J. R. E. Morgan at $150 (on war service from January)	75.00	
Junior Demonstrators (Sessional):		
Full time:		
R. A. Cleghorn	3,000.00	
J. W. Graham (paid also $50 in Dentistry)	2,400.00	
R. B. Kerr at $2,400 (on war service from July)	400.00	
J. Allan Walters (temporary for duration of war)	2,400.00	
J. A. Dauphinee, also Senior Demonstrator without salary	2,000.00	
H. E. Rykert at $1,500 (on war service)	.....	
Ian Macdonald, half time at $500 (on war service from July)	83.34	
Part time:		
E. F. Brooks	150.00	
W. H. Brown at $150 (on war service from January)	75.00	
A. R. Hagerman (on war service)	.....	
F. C. Hamilton	150.00	
L. M. Murray	150.00	
A. E. Parks	150.00	
D. J. Prendergast	150.00	
N. M. Wrong	150.00	
Temporary part time for duration of war:		
C. R. Burton	150.00	
T. A. Crowther (paid also $100 in Health Service)	150.00	
A. W. Bagnall, Fellow (Sessional)	1,000.00	
Research Assistants:		
Miss M. I. Hanna	1,440.00	
N. W. Simmons	1,200.00	
R. H. Wilson, Laboratory Attendant, at $780 (on war service from March)	650.00	
Miss S. H. Clutton, Secretary	1,560.00	
		$ 36,933.34

Paediatrics

Alan Brown, Professor (paid also $70 in School of Nursing)	$ 700.00	
Assistant Professors:		
F. F. Tisdall, also Director of Research Laboratories	2,000.00	
E. A. Morgan	400.00	
A. W. Canfield	250.00	
T. G. H. Drake, Associate	2,000.00	
Senior Demonstrators (Sessional):		
Dr. Gladys L. Boyd	500.00	
A. P. Hart	200.00	
G. E. Smith	200.00	
W. W. Barraclough	150.00	
Junior Demonstrators (Sessional):		
Nelles Silverthorne	300.00	
C. E. Snelling	300.00	
W. A. Hawke	200.00	
J. D. M. Griffin (without salary—also in Psychiatry; paid in Psychology)	.....	
On war service from July:		
A. L. Chute at $300	50.00	
J. R. Ross at $200	33.33	
Temporary, 10 mos:		
J. D. Keith at $300	250.00	
J. H. Ebbs at $200	166.67	
Dr. Elizabeth Chant Robertson, Research Fellow (Sessional)	200.00	
S. H. Jackson, Research Assistant in Chemistry (Sessional)	900.00	
Technicians (Sessional):		
Miss M. E. Doyle	200.00	
Miss W. M. Johnston (without salary)	.....	
Miss E. Shatruk (without salary)	.....	
Miss M. L. Cassidy, Secretarial Assistant	500.00	
		$ 9,500.00

Surgery and Clinical Surgery

W. E. Gallie, Professor (paid also as Dean)	$10,000.00	
Assistant Professors:		
T. A. J. Duff	300.00	
R. R. Graham	300.00	
R. I. Harris (paid also $30 for Post Graduate Course)	300.00	
K. G. McKenzie (paid also $30 for Post Graduate Course)	300.00	
Robin Pearse (paid also $30 for Post Graduate Course)	300.00	
D. E. Robertson (paid also $20 in Health Service and $30 for Post Graduate Course)	300.00	
E. S. Ryerson (paid also as Assistant Dean and Secretary and in Faculty of Dentistry)	300.00	
N. S. Shenstone	300.00	
G. E. Wilson	300.00	
H. W. Wookey (paid also $30 for Post Graduate Course)	300.00	
Associates:		
G. S. Foulds	250.00	
R. E. Gaby	250.00	
A. B. LeMasurier (paid also $30 for Post Graduate Course)	250.00	
T. A. Robinson	250.00	
J. W. Ross (on war service from February)	250.00	
Senior Demonstrators (Sessional):		
C. R. B. Crompton	200.00	
C. W. Harris	200.00	
R. M. Janes (paid also $30 for Post Graduate Course)	200.00	
J. C. McClelland	200.00	
R. J. A. McComb	200.00	
J. L. McDonald (paid also $40 for Extension Work)	200.00	
C. B. Parker	200.00	
J. Spence Reid	200.00	
R. H. Thomas (paid also $30 for Post Graduate Course and $200 in Health Service)	200.00	

Junior Demonstrators (Sessional):		
H. G. Armstrong	$ 150.00	
W. G. Carscadden	150.00	
J. H. Couch (paid also $50 for Post Graduate Course and $40 in School of Nursing)	150.00	
J. T. Danis	150.00	
A. W. Farmer (paid also $50 for Post Graduate Course)	150.00	
W. S. Keith (paid also $30 for Post Graduate Course and $30 for Extension Work)	150.00	
F. I. Lewis (paid also $30 for Post Graduate Course)	150.00	
D. R. Mitchell (paid also $200 in Health Service)	150.00	
D. W. G. Murray (paid also $30 for Post Graduate Course)	150.00	
D. W. Pratt	150.00	
E. E. Shouldice	150.00	
W. K. Welsh (paid also $115 in School of Nursing)	150.00	
Junior Demonstrators (on war service):		
J. W. Brennan	.....	
S. D. Gordon	.....	
J. A. MacFarlane (paid $30 for Post Graduate Course)	.....	
T. R. Sarjeant	.....	
R. M. Wansbrough	.....	
C. H. Watson	.....	
A. W. M. White	.....	
Special Demonstrators (temporary):		
M. H. V. Cameron	150.00	
F. Burns Plewes	150.00	
Wallace A. Scott	150.00	
W. D. Smith	150.00	
Fellows (Sessional—part time):		
S. A. Thomson	1,200.00	
F. R. Wilkinson	1,000.00	
R. C. Laird	700.00	
R. G. MacKenzie (paid also in Anatomy)	500.00	
On war service:		
C. Aberhart, at $1,500	.....	
J. R. F. Mills, from July, at $1,500	250.00	
E. H. Botterell (also in Physiology) at $1,500	75.00	
H. Norman, from February, at $600 for 8 mos.	450.00	
Resident Fellows (Sessional):		
Dr. Jessie C. Gray (paid also $10 for Post Graduate Course)	400.00	
J. E. Leddy	400.00	
A. D. McLachlin	400.00	
Assistant Resident Fellows (Sessional):		
J. E. Bateman	300.00	
W. G. Bigelow	300.00	
F. H. Cote	300.00	
D. B. MacLaren	300.00	
E. G. Meyer	300.00	
W. T. Mustard	300.00	
H. V. Slemon	300.00	
W. D. Stevenson	300.00	
H. J. Sullivan	300.00	
E. B. Tovee (on war service from April)	300.00	
B. F. Hazelwood, Michaelmas Term, at $300	150.00	
W. S. Anderson (resigned 31 December), at $300	150.00	
On war service (each at $300):		
F. B. Dewar	.....	
F. B. Thomson, from February	225.00	
W. R. Dalziel, from December	150.00	
J. deL. Bourgeois, from December	150.00	
C. P. McCormick	.....	
For Easter Term (each at $300):		
A. Bailey Powell	150.00	
T. C. C. Sodero	150.00	
Miss T. W. McLaren, Secretary (also Secretary to the Dean)	1,500.00	
G. F. Pringle, Laboratory Technician at $1,200 (resigned 10 April)	1,133.33	
		$ 30,583.33

Obstetrics and Gynaecology

William A. Scott, Professor (paid also $140 in School of Nursing)	$ 5,000.00	
Assistant Professors:		
N. D. Frawley	300.00	
H. B. Van Wyck (paid also $130 in School of Nursing)	300.00	
R. W. Wesley	300.00	
W. G. Cosbie (paid also $10 in School of Nursing)	200.00	
D. M. Low, Associate (paid also $10 in School of Nursing)	200.00	
Senior Demonstrators (Sessional):		
S. J. N. Magwood (paid also $100 in Health Service)	200.00	
W. A. Dafoe	150.00	
Junior Demonstrators (Sessional):		
L. T. A. Armstrong	150.00	
J. C. Goodwin (paid also $10 in School of Nursing)	150.00	
H. W. Johnston	150.00	
John Mann	150.00	
H. K. Manning	150.00	
W. H. Murby	150.00	
F. J. O'Leary	150.00	
A. Purdy	150.00	
G. L. Watt	150.00	
On war service:		
W. T. Noonan, from February	150.00	
R. B. Meikeljohn	.....	
D. E. Cannell	.....	
Fellows (Sessional):		
G. A. Hendry (on war service from May)	1,500.00	
D. N. Henderson (part time—also in Pathology and Bacteriology)	500.00	
J. R. McArthur (part time)	500.00	
Miss M. Bonham, Laboratory Technician	1,100.00	
Secretary at $900:		
Miss H. Carson (on war service) contribution to Pension Fund	27.00	
Miss V. Wilgar (resigned 30 April)	750.00	
Miss L. Vander Hoorn, 2 mos.	150.00	
		$ 12,677.00

Ophthalmology

W. H. Lowry, Professor	$ 700.00	
Associates:		
F. A. Aylesworth	200.00	
C. E. Hill (paid also $20 in School of Nursing)	200.00	
M. Lyon	200.00	
W. W. Wright	200.00	
L. J. Sebert (without salary)	.....	
A. E. MacDonald (without salary)	.....	
Junior Demonstrators (Sessional):		
J. F. A. Johnston	200.00	
W. R. F. Luke	200.00	
H. M. Macrae	200.00	
A L. Morgan	200.00	
T. H. Hodgson, Assistant (part time—Sessional)	700.00	
Miss M. E. Gray, Secretarial Assistant, at $1,000, of which half charged to Oto-Laryngology	500.00	
		$ 3,500.00

Oto-Laryngology

G. M. Biggs, Professor, also Head of Department (resigned 30 June)	$ 700.00	
A. A. Campbell, Associate	250.00	
Senior Demonstrators (Sessional):		
H. H. Burnham	200.00	
J. X. Robert	200.00	
A. H. Veitch	200.00	
D. E. S. Wishart (paid also $15 in School of Nursing)	200.00	
C. A. Rae at $200 (on war service)	.....	

Junior Demonstrators (Sessional):		
G. W. McGregor	$ 150.00	
A. M. McLeod	150.00	
G. C. Snell	150.00	
J. Grant Strachan	150.00	
J. A. Sullivan	150.00	
On war service:		
H. W. D. McCart, at $150	.....	
P. E. Ireland, from September, at $500	166.67	
Miss M. E. Gray, Technician (half time—paid also in Ophthalmology)	500.00	
		$ 3,166.67

Therapeutics

R. F. Farquharson, Assistant Professor, also Head of Department (paid also in Department of Medicine)	$ 1,000.00	
Associates:		
H. J. Shields, in charge of Anaesthesia	250.00	
W. J. Gardiner, in charge of Physical Therapy (paid also $500 for Extension Work)	400.00	
C. E. Cooper Cole, Senior Demonstrator (Sessional)	200.00	
Junior Demonstrators, Anaesthesia (Sessional):		
G. R. Balfour	150.00	
W. E. Brown (paid also $20 in School of Nursing and $30 for Extension Work)	150.00	
C. G. Bryan	150.00	
J. Chassels	150.00	
N. S. Clark	150.00	
S. J. Evelyn	150.00	
R. R. Hargrave	150.00	
K. M. Heard	150.00	
K. E. Hollis	150.00	
C. H. Robson	150.00	
A. R. Wilkins	150.00	
S. M. Campbell (on war service)	.....	
Mrs. Rebecca Finley, Assistant in Physical Therapy (paid also $1,800 in University Extension Department)	300.00	
Assistants (Sessional):		
W. B. Charles	50.00	
J. L. Fowler	50.00	
C. C. Gray	50.00	
A. H. Squires (without salary—paid in Department of Medicine)	.....	
K. J. R. Wightman, Research Fellow (Sessional)	800.00	
Miss B. M. Calvin, Secretarial Assistant (part time)	420.00	
		$ 5,170.00

Psychiatry

C. B. Farrar, Professor (paid also $100 in Health Service and $20 in School of Nursing)	$ 5,000.00	
E. P. Lewis, Assistant Professor	500.00	
Dr. Mary V. Jackson, Associate	250.00	
Demonstrators (Sessional):		
G. W. Anderson (paid also in Psychology)	150.00	
Dr. Ruth M. Franks (paid also $200 for Extension Work)	150.00	
B. T. McGhie	150.00	
C. G. Stogdill (paid also in Psychology)	150.00	
J. E. Sharpe (on war service)	.....	
J. D. M. Griffin, Fellow in Child Psychiatry (Sessional—without salary; also in Paediatrics; paid in Psychology)	.....	
Research Fellows (Sessional—without salary; paid from Special Funds):		
J. G. Dewan (paid also $500 in Special Research)	.....	
N. L. Easton	.....	
L. D. Proctor	.....	
Miss A. F. Abbott, Secretarial Assistant (without salary)	.....	
		$ 6,350.00

Medical Jurisprudence

Lecturers (Sessional):		
K. G. Gray	$ 125.00	
W. L. Robinson (paid also in Pathology and Bacteriology)	125.00	
		$ 250.00

Radiology

G. E. Richards, Professor	$ 700.00	
A. C. Singleton, Assistant Professor, at $250 (on war service)	.....	
Senior Demonstrators (Sessional):		
M. R. Hall	200.00	
A. H. Rolph	200.00	
J. Sommers	200.00	
C. L. Ash, Assistant (Sessional—part time)	500.00	
J. F. Hinds, Research Assistant (Sessional)	750.00	
		$ 2,550.00

Research Professor

Sir Frederick Banting (paid in Special Research; ob. 21 February)	$	
		$ .....

Special Lectures

Professor J. H. Elliott, History of Medicine (paid also in Department of Medicine and in School of Nursing)	$ 700.00	
Special Lecturers (Sessional):		
Science and Civilization:		
A. F. Coventry (paid also in Biology)	200.00	
H. Wasteneys (paid also in Bio-Chemistry)	200.00	
Dentistry:		
A. D. A. Mason (paid also $6,000 in Faculty of Dentistry and $40 in School of Nursing)	100.00	
D. M. Tanner (also in Faculty of Dentistry—on war service)	.....	
Without salary:		
G. S. Young, Medical Ethics and Economics	.....	
J. G. Falconer, Life Insurance (paid in Department of Medicine)	.....	
		$ 1,200.00
		$341,111.06
Less charged to:		
Rockefeller Fund	$49,034.99	
Eaton Endowment	21,350.00	
	$70,384.99	
		$270,726.07

59a. Post Graduate Courses

Course in Traumatic Surgery ($695.00):	
Honoraria to Instructors ($640.00):	
D. E. Bell	$ 30.00
J. H. Crouch	50.00
A. W. Farmer	50.00
W. E. Gallie	50.00
Jessie Gray	10.00
P. H. Greey	30.00
C. H. Hair	30.00
R. J. Harris	30.00
R. M. James	30.00
W. S. Keith	30.00
A. B. Le Measurier	30.00
F. I. Lewis	30.00
J. C. MacFarlane	30.00
K. G. McKenzie	30.00
G. Murray	30.00
R. Pearce	30.00
D. E. Robertson	30.00
H. D. Storms	30.00
R. H. Thomas	30.00
H. W. Wookey	30.00

Attendants ($15.00):		
C. Hart	$ 10.00	
G. F. Pringle	5.00	
Sundry expenses ($40.00):		
Toronto General Hospital, luncheon	20.00	
Sundry disbursements by Dr. W. E. Gallie for gratuities	20.00	
		$ 695.00

60. Anatomy

Anatomical Material ($2,604.68):		
W. E. Armour	$ 12.00	
E. E. Bolton	120.00	
Canadian Industrial Alcohol	108.10	
T. Eaton Co.	52.20	
Jos. Gatensby	140.00	
J. C. B. Grant	56.45	
Dr. Skinner Gordon	10.00	
J. F. Hartz Co.	10.00	
G. H. Hogle	30.00	
C. Hunt	105.00	
Ingram & Bell	61.20	
Lever Bros.	103.52	
Mallincrodt Chemical Works	68.71	
F. W. Matthews Co.	1,292.30	
E. Pullan Wipers & Waste Co.	26.27	
Harry R. Ranks	90.00	
N. Smith Belting Works	11.25	
Wm. Speers	60.00	
W. J. Ward	30.00	
Accounts under $10 (3)	21.20	
Superintendent's Dept., labour, $81.09; material, $115.39	196.48	
General supplies, equipment and Incidentals ($2,017.96):		
Allen Mfg. Co., laundry	106.54	
American Journal of Pathology, reprints	13.94	
Art Metropole, drawing paper	13.56	
D. W. Baker, illustrations	12.00	
Bausch & Lomb Optical Co., micro-projector and parts	249.68	
Dorothy I. Chubb, lettering, charts	15.75	
Eastman Photographic Stores, films, lantern, plates	97.12	
T. Eaton Co., blankets, duck cloth, towels	89.32	
General Biological Supply House, latex injection, syringe	27.01	
Gevaert (Canada) Co., plates, photo paper	12.64	
Grand and Toy, transfer cases	16.20	
J. F. Hartz Co., acid, chemicals	30.06	
Imperial Oil, parowax	11.88	
Ingram & Bell, cover glasses, syringe, adhesive	171.49	
Mallinckrodt Chemical Works, chemicals	71.77	
Miss D. B. Noble, diagram	10.00	
Photographic Service Dept., photostats, enlargements	12.60	
Postage	12.00	
Ralston Purina Co., feed	253.19	
Robbins and Townsend, typewriter maintenance	13.80	
Rex Laboratories, frogs, mice	12.10	
Dr. C. G. Smith, shelving	15.20	
John B. Smith & Sons, lumber	19.29	
Stephens Sales, ink, stencils, paper	111.99	
University Press, books, printing, stationery	279.50	
Accounts under $10 (10)	48.11	
Sundry disbursements by department:		
Hardware, $24.10; drugs, $20.57; postage, stationery, food supplies, $16.95; sundries, $28.34	89.96	
Superintendent's Dept., freight, $14.52; labour, $68.57; material, $118.17	201.26	
	$ 4,622.64	
Less credits: Laboratory deposits, $84.25; sale of material, $488.95	573.20	
		$ 4,049.44

61. Pathology and Bacteriology

Supplies and apparatus ($3,598.09):	
Allen Mfg. Co., laundry	$ 187.06
American Journal of Pathology, reprints	12.33
American Medical Association, reprints	43.97
American Type Culture Collection, culture	15.54
Bauer and Black, absorbent cotton	32.67
British Drug Houses, chemicals	13.26
Canadian Medical Association, reprints	16.00
Walter Carveth, apparatus repairs and parts	54.00
Central Scientific Co., stain, pump oil, pipettes	153.34
Special Research Department, animals	14.40
Corbett-Cowley, uniforms, laboratory coats	36.92
Cullen & Sons, animals	31.20
Diamond Cleanser & Soap Co., soap powder	33.17
Dominion Paper Box Co., filing boxes	14.85
Eastman Photographic Stores, film, slides, etc.	171.61
T. Eaton Co., stools, utensils, towelling, etc.	64.92
Frigidaire Division, General Motors of Canada, service and repairs	16.61
Gold Medal Meat Market, meat	87.10
J. F. Hartz Co., cover glass, tubing, chemicals, etc.	444.58
Imperial Oil, parowax	11.42
Ingram & Bell, chemicals, instruments, cover glass, etc.	475.96
Kilgour's Ltd., wrapping paper	27.99
"The Lancet," reprints	11.10
Liquid Carbonic Canadian Corporation, gas	37.20
McCallum Scale Service, apparatus repairs	19.50
Medical Agency of Canada, mimeographing "Outline of the Course in Bacteriology"	238.70
Miller's Meat Market, meat	16.15
Mimeograph Co., paper, ink	20.25
Ocean Chemicals, fumigating	80.00
James Palmer, microscopes, cover glass	378.00
Postage	55.78
Robbins and Townsend, typewriter maintenance	40.60
A. Turner, overtime services	10.50
University Press, binding, printing and stationery	250.62
Accounts under $10 (16)	68.97
Sundry disbursements by department:	
Hardware, $19.52; old tuberculin, $10.00; stationery, laundry, thread, eggs, $12.79; sundries, $32.62	74.93
Superintendent's Dept., freight, $8.27; labour, $95.73; material, $232.89	336.89
Museum supplies $515.86):	
Agfa Ansco, duplicating	19.40
British Xylonite Co., bexoid	64.56
Canadian Durex Abrasives, edger, reinforcing tape, etc.	17.38
T. Eaton Co., used sewing machine	16.20
J. F. Hartz Co., chemicals	242.30
Queen City Glass Co., plates, lights	86.53
Accounts under $10 (7)	38.99
Superintendent's Dept., labour, $22.05; material, $8.45	30.50
Alterations in Museum:	
Superintendent's Dept., labour, $565.39; material, $184.32	749.71
Clerical assistance ($185.00):	
Miss G. Banks, 2 weeks	35.00
Mrs. R. Feeney, 2 months	150.00
Neuropathology ($955.71):	
Allen Mfg. Co., laundry	37.94
Canadian Laboratory Supplies, electric oven	52.48
Walter A. Carveth, repairs and parts for microscopes	32.00
Corbett-Cowley, laboratory coats	24.62
Dictaphone Corporation, dictaphone maintenance	17.50
T. Eaton Co., dunlopillo, reprints	12.60
J. F. Hartz Co., rubber gloves, cover glasses, instruments	258.99
Ingram & Bell, drugs, instruments	121.47
Liquid Carbonic Canadian Corporation, gas	25.20

Office Specialty Mfg. Co., steel trays		$ 192.00	
James Palmer, cover glasses		40.50	
Postage		23.00	
University Press, reprints, stationery		56.35	
Accounts under $10 (2)		9.41	
Superintendent's Dept., material		51.65	
		$ 6,004.37	
Less credits: Laboratory deposits	$114.95		
Sale of materials, etc.	149.20		
		264.15	
			$ 5,740.22

62. Pathological Chemistry

Supplies and apparatus:		
Allen Mfg. Co., laundry	$ 64.38	
Bausch & Lomb Optical Co., colorimeter repairs	22.50	
British Drug Houses, chemicals	243.06	
Canadian Laboratory Supplies, glassware, dishes	400.55	
Central Scientific Co., glassware, thermometers, tubing, etc.	942.08	
R. H. Chappell, glass blowing	24.30	
A. Gallenkamp & Co., burrettes, weights	58.33	
Macalaster Bicknell Co., microscope, burrettes	39.13	
Pfanstiehl Chemical Co., chemicals	13.56	
Roneo Co., of Canada, ink, stencils, paper	17.50	
Rubicon Co., filters	17.20	
Sanborn Co., test charts	11.28	
Special Research Dept., animals	30.00	
Arthur H. Thomas Co., pipettes	10.92	
University Press, printing and stationery	171.56	
Accounts under $10 (11)	42.31	
Sundry disbursements by departments:		
Postage, $28.47; hardware, $7.53; drugs, stationery, telegrams, $9.87; sundries, $19.13	65.00	
Superintendent's Dept., freight, $13.12; labour, $37.86; material, $112.13	163.11	
	$ 2,336.77	
Less credits: Laboratory deposits, $56.00; sale of material, $55.50	111.50	
		$ 2,225.27

63. Pharmacy and Pharmacology

Supplies and apparatus:		
Aikenhead Hardware, hardware	$ 67.82	
Allen Mfg. Co., laundry	26.05	
American Society of Anaesthetists, reprints	21.46	
Barchard & Co., sawdust	16.25	
D. Baker, show cards	10.00	
R. F. Breux, frogs	152.50	
British Drug Houses, chemicals	121.67	
Allen Brock, animals	73.70	
Burlec Limited, motor	28.40	
Canadian Electric Supply Co., electrical supplies	54.59	
Canadian Laboratory Supplies, glassware, chemicals	182.46	
Connaught Laboratories, drugs	17.60	
Cullen & Sons, animals	543.04	
Drug Trading Co., chemicals	69.56	
Ferranti Electric Co., repairing apparatus	14.02	
Grand & Toy, desk	47.00	
J. F. Hartz Co., instruments	105.25	
Ingram & Bell, chemicals, instruments	50.01	
International Resistance Co., repairs to motor, filament	15.68	
John McGillian, vegetables	12.75	
National Drug & Chemical Co., chemicals, mercury	39.19	
Ontario Rubber Co., tubing	18.62	
Photographic Service Dept., prints, slides, etc.	58.76	
Queen City Dental Mfg. Co., gas	109.95	
Queen City Brass Foundry, castings	38.29	
Ralston Purina Co., feed	74.59	
Riseborough & Jackson, feed	14.34	
Waverley Press Inc., reprints	12.10	

York Trading Co., canned salmon	$ 20.95	
University Press, stationery and printing	74.45	
Accounts under $10 (13)	53.91	
Sundry disbursements by department:		
Ice and food, $5.00; hardware, $6.14; stationery, $4.69; sundries, $11.52	27.35	
Superintendent's Dept., freight, $9.52; labour, $21.16; material, $160.88	191.56	
	$ 2,363.87	
Less credits: sale of material	186.50	
		$ 2,177.37

64. Biochemistry (including Zymology)

Supplies and apparatus:		
Acme Farmers Dairy, milk	$ 48.32	
Aikenhead Hardware, hardware	76.67	
Allen Mfg. Co., laundry	30.14	
Borden Co., milk powder	259.47	
British Drug Houses, chemicals	290.67	
Canada Packers, meat	32.46	
Canadian Fairbanks Morse Co., casters, steel, wire, gauge	23.65	
Canadian Laboratory Supplies, glassware, tubing, etc.	1,747.73	
Canadian Liquid Air Co., gas	33.46	
Central Scientific Co., thermometers, rheostat, brushes	172.48	
R. H. Chappell, glass blowing	32.35	
Corbett-Cowley, laboratory coats	53.33	
Eastman Kodak Co., chemicals	56.39	
T. Eaton Co., dishes, cotton, feed, etc.	111.48	
J. F. Hartz Co., rubber gloves, instruments	19.43	
Halliday Flint Glass Works, test tubes	20.76	
Journal of Biological Chemistry, reprints	30.55	
Kelvinator of Canada, parts and repairs	42.35	
Mead Johnson & Co., cod liver oil, yeast	85.43	
Merck & Co., chemicals	83.04	
National Research Council, reprints	39.00	
Pfanstiehl Chemical Co., chemicals	26.35	
Quinte Milk Products, casein	15.35	
Reynold-Coventry, speed reducer	35.64	
Toronto Elevators, feed	52.05	
Wholesale Radio, batteries, parts	102.21	
University Press, printing, stationery	197.55	
Accounts under $10 (13)	58.46	
Sundry disbursements by department:		
Food supplies, $77.55; postage, $18.56; stationery, carfare, telegrams, $13.07; sundries, $20.82	130.00	
Superintendent's Dept., freight, $19.43; telephone, $5.35; labour, $279.88; material, $597.42	902.08	
	$ 4,808.85	
Less credits: Laboratory deposits	366.15	
		$ 4,442.70

65. Physiology

Supplies and apparatus:		
A. & A. Radio Service Supply, motor, aeroplane dial	$ 16.41	
Acme Farmers Dairy, milk	49.37	
Allen Mfg. Co., laundry	125.15	
Auguste Bolte, isinglass	23.63	
F. J. Burns & Co., frogs	23.27	
Dr. James Campbell, use of car, 230 miles at 6c	13.80	
Canada Packers, meat	32.48	
Canadian Electrical Supply, switches, plugs, etc.	22.47	
Canadian Fairbanks Morse Co., hardware, casters, etc.	56.26	
Canadian Liquid Air Co., gas	29.28	
Canadian Medical Association, reprints	12.50	
Canadian Tire Corporation, rheostat	14.46	
Central Scientific Co., chemicals, glassware, brushes	418.45	
City Dairy, dry ice	14.00	

Connaught Laboratories, overalls	$ 11.56	
Corbett-Cowley, laboratory coats	26.25	
Cullen & Sons, animals	563.50	
Eastman Kodak Co., chemicals	21.54	
T. Eaton Co., gauze, rubber boots, thread, etc.	299.57	
J. F. Hartz Co., syringes	12.60	
Frank Jennings, sawdust	47.05	
Kelley Feed & Seed Co., feed	774.45	
Keith Kerns, long distance calls	22.26	
Mallinckrodt Chemical Co., chemicals	32.53	
Masco Co., batteries	31.60	
Midget Meat Market, beef	271.05	
National Drug & Chemical Co., chemicals	22.59	
Park Butchers, meat	68.88	
Peckover's Ltd., monel metal	45.28	
C. A. Pemberton & Co., viskings	17.68	
Photographic Service Dept., prints, slides	21.50	
Postage	44.00	
Rainbow Lantern Slide Co., slides	19.55	
Robbins & Townsend, typewriter maintenance	10.80	
Rockefeller Institute for Medical Research, reprints	11.91	
Waverley Press, reprints	14.29	
Mrs. J. Williamson, laundry	22.97	
University Press, stationery, printing	127.66	
Accounts under $10 (28)	122.46	
Sundry disbursements by department:		
Stationery, $22.91; food supplies, $11.35; laundry, drugs, postage, $31.21; sundries, $24.53	90.00	
Superintendent's Dept., freight, $42.08; labour, $65.60; material, $384.10	491.78	
	$ 4,096.84	
Less credits: Laboratory deposits	26.61	
		$ 4,070.23

66. Hygiene and Preventive Medicine

Supplies and apparatus ($2,771.72):		
Art Metropole, micrometer	$ 12.00	
Botany Department, microscopes	66.00	
Canadian Laboratory Supplies, pipettes, dishes	173.74	
Central Scientific Co., glassware, slides, vacuum pump, etc.	141.08	
Connaught Laboratories, filter paper, chemicals, vaccine, animals, etc.	1,091.84	
Fitzgerald & McAvoy Wire Goods, baskets	24.33	
Andrew N. Forbes, stationery	62.91	
General Biological Supply, specimens	10.33	
Gray Coach Lines, coaches to Connaught Laboratories farm, to transport students for instruction	332.00	
Ingram & Bell, head band mirror, slides, jars, etc.	48.55	
Lyndon Scientific Co., culture	24.50	
Henry E. Mulveney, motion picture film	13.30	
Merck & Co., chemicals	12.01	
Mimeograph Co., ink, stencils, paper	76.78	
Mitchell & McGill, typewriter stand, paper	38.40	
Office Specialty Mfg. Co., cabinet	41.00	
Ontario Laundry, laundry	51.80	
Postage	16.00	
Remington Rand Co., folders, guides	24.62	
Robbins and Townsend, typewriter maintenance	11.20	
University Press, stationery, printing, binding	334.98	
Accounts under $10 (8)	36.06	
Sundry disbursements by department	10.00	
Superintendent's Dept., freight, $3.65; labour, $77.22; material, $41.42	118.29	
Cleaner, Mrs. Ada Hall, 278½ days	711.25	
	$ 3,482.97	
Less credits: sale of materials	154.50	
		$ 3,328.47

67. Medicine

Supplies and chemicals ($1,271.12):	
Acme Farmers Dairy, milk	$ 10.13
Allen Mfg. Co., laundry	33.10
British Drug Houses, chemicals	13.52
Canada Packers, meat	91.12
Canadian Laboratory Supplies, filter paper, chemicals	169.24
Canadian Medical Association, reprints	21.00
Christie, Brown & Co., biscuits	13.59
Connaught Laboratories, chemicals	253.75
Corbett-Cowley, uniforms	15.88
T. Eaton Co., repairs, photo supplies	13.34
Ingram & Bell, books, chemicals	124.60
Postage	50.12
Special Research Dept., animals	164.00
Waverley Press, reprints	43.73
W. Lloyd Wood Co., vaccines, chemicals	45.39
University Press, printing, stationery	37.89
Accounts under $10 (9)	31.89
Sundry disbursements by department	20.00
Superintendent's Dept., freight, $66.28; labour, 80c; material, $51.75	118.83
Apparatus ($492.84):	
Bausch & Lomb Optical Co., reconditioning microscopes	74.00
Canadian Laboratory Supplies, weights, tubing, glassware	239.86
Ingram & Bell, instruments	47.20
Office Specialty Mfg. Co., cabinet, guides, folders	63.60
Rainbow Lantern Slides, charts, slides	20.05
Accounts under $10 (8)	48.13
Books and Periodicals ($534.28):	
American Medical Association, subscription	6.17
McAinsh & Co., subscription	16.20
Thos. Nelson & Son, books	15.00
University Press, subscriptions, journals, books	496.91
Laboratory Cleaning:	
Miss E. Bailey, 52 weeks	328.65
	$ 2,626.89
Less credits: sale of materials	5.31
(Charged to Eaton Endowment)	$ 2,621.58

68. Paediatrics

Supplies and chemicals ($962.14):	
Borden Co., casein	$ 34.59
British Drug Houses, chemicals	68.91
Canadian Laboratory Supplies, chemicals, rubber tubing, etc.	209.91
Canadian Medical Association, reprints	18.00
Central Scientific Co., pipettes, tubes, etc.	11.76
Johns Hopkins Press, books	12.86
Matheson & Co., chemicals	21.09
McAinsh & Co., reprints	42.00
Merck & Co., chemicals	18.74
C. V. Mosby Co., reprints	15.90
Permutit Co. of Canada, decalso	10.70
Postage	67.20
Pure Gold Mfg. Co., flour	28.00
Quinte Milk Products, casein	38.37
Stafford Lowden Co., reprints	14.35
University Press, stationery, printing	68.82
Accounts under $10 (9)	37.63
Sundry disbursements by department	20.00
Superintendent's Dept., freight, $26.78; material, $196.53	223.31
Apparatus $455.30):	
Canadian Laboratory Supplies, glassware, pipettes, etc.	184.23
Central Scientific Co., glassware, pipettes, funnels, etc.	241.51
Pfatz & Bauer Inc., colorimeters	21.98
Superintendent's Dept., labour, $6.50; material, $1.08	7.58
(Charged to Eaton Endowment)	$ 1,417.44

69. Surgery

Supplies and apparatus ($1,368.86):		
Allen Mfg. Co., laundry	$ 17.02	
Canadian Kodak Sales, prints	17.59	
Corbett-Cowley, laboratory coats	33.60	
T. Eaton Co., photo supplies	133.98	
Grand & Toy, steel cabinet	42.00	
J. F. Hartz, Co., surgical supplies	72.00	
Hospital for Sick Children, student's supplies	25.00	
International Books, subscriptions	20.00	
Lockhart's Camera Exchange, photo supplies	264.02	
Mimeograph Co., stencils, paper	15.39	
C. V. Mosby, subscription	11.84	
Photographic Service Dept., slides	47.00	
Postage	30.12	
Special Research Dept., animals	316.10	
Stephens Sales, stationery	35.23	
St. Michael's Hospital, student's supplies	129.80	
Taylor Instrument Co., repairing apparatus	43.00	
University Press, stationery and printing	30.61	
Accounts under $10	40.81	
Sundry disbursements by department	15.00	
Superintendent's Dept., freight, $20.87; labour, $4.55; material, $3.33	28.75	
Museum of Applied Anatomy ($138.75):		
Dr. R. R. Graham, moving picture equipment	130.00	
Miss M. Law, lettering chart	5.00	
Roberts & Son, frames	3.75	
		$ 1,507.61

70. Obstetrics and Gynaecology

Supplies and apparatus:		
Douglas Baker, charts	$ 39.00	
Corbett-Cowley, laboratory coats	12.31	
Eastman Photographic Stores, photo supplies	52.15	
Dr. Geo. A. Hendry, colour slides, frames	97.00	
Pathology Dept., photographic work	17.85	
Photographic Service Dept., slides, enlargements	21.00	
Postage	13.00	
Robbins and Townsend, typewriter maintenance	18.00	
University Press, printing, stationery	27.72	
Accounts under $10 (2)	9.28	
Sundry disbursements by department	11.50	
Superintendent's Dept., freight	2.00	
		$ 320.81

71. Ophthalmology

Supplies and apparatus:		
American Medical Association, reprints	$ 13.54	
Baird Tatlock (London) Ltd., glassware	68.24	
Grand & Toy, chair	18.50	
Henry Kingston, subscription	46.15	
Accounts under $10 (2)	9.22	
Superintendent's Dept., freight, $3.90; labour, $1.65; material, $1.42	6.97	
		$ 162.62

72. Oto-Laryngology

Supplies and apparatus:		
Robbins and Townsend, typewriter maintenance	$ .60	
University Press, subscriptions	24.00	
		$ 24.60

73. Therapeutics

Supplies and apparatus:		
Ayerst, McKenna & Harrison, chemicals	$ 20.07	
Canadian Laboratory Supplies, chemicals	14.21	
Dictaphone Corporation, repairs, parts	130.50	
Office Specialty Mfg. Co., filing cabinet	71.96	
Winthrop Chemical Co., chemicals	14.44	
University Press, stationery	28.36	
Accounts under $10 (3)	13.60	
		$ 293.14

74. Psychiatry

Supplies and apparatus:		
University Press, directories	$ .70	
		$ .70

75. Medical Jurisprudence

(Nothing Spent)

76. Radiology

Supplies and apparatus:		
Aikenhead Hardware, micrometers, tools, etc.	$ 159.10	
Dr. G. E. Richards and Dr. A. C. Singleton, X-ray supplies	336.67	
A. R. Williams Machinery Co., lathe, motor, drill, etc.	503.10	
Superintendent's Dept., labour	1.13	
		$ 1,000.00

77. Art Service

(a) Salaries ($3,867.50):		
Miss M. T. Wishart, Director, 12 mos.	$ 2,500.00	
Miss E. I. Hopper, Assistant, 9½ mos.	1,367.50	
(b) Expenses:		
Part-time Assistance ($352.50):		
Miss N. Davey, 10 hours	5.00	
Miss D. Chubb, 60 hours	60.00	
Miss B. Stemher, 2½ mos.	287.50	
Supplies ($199.51):		
Bausch & Lomb Optical Co., opthalmoscope	30.50	
Celluloid Corp., transparent sheets	10.16	
University Press, stationery	90.77	
Accounts under $10 (6)	23.71	
Sundry disbursements by department:		
Laundry, $13.27; stationery, $11.82; sundries, $8.37	33.46	
Superintendent's Dept., freight, $6.70; material, $4.21	10.91	
		$ 4,419.51

78. General Expenses

Sundry expenses of the Dean:		
Luncheons, teas, dinners, travelling expenses, in connection with visiting lecturers, etc.	$ 96.45	
Office Supplies, stationery, printing, etc. ($2,284.77):		
Association of American Medical Colleges, aptitude tests	160.15	
Canadian Pacific Railway Co., telegrams	17.01	
C. Collinson, messenger service, 2 weeks	20.00	
Globe Printing Co., subscription	18.00	
W. H. Kilby, chairs repaired	15.00	
Lowe Martin Co., cards	48.87	
Might Directories, guide, city directory	39.90	
R. H. Morris, daily papers	12.00	
Photographic Service Dept., photos, slides, lantern service	108.15	
Postage	178.56	
Robbins & Townsend, typewriter maintenance	49.10	
Underwood, Elliott, Fisher, typewriter rental	15.00	
Miss D. Waugh, 10 weeks, 2 days, stenographer	309.00	
Ross Wilcox, messenger, 5 weeks, 6 days	73.85	
University Press, printing, stationery, directories	1,034.57	
Accounts under $10 (14)	50.59	
Sundry disbursements by department:		
Telephones and telegrams, $10.11; car fare, hardware, taxes, $7.23; sundries, $2.66	20.00	
Superintendent's Dept., freight, 86c; labour, $89.28; material, $24.88	115.02	
Publications, calendar, Dean's report, Medical Bulletin, Lister Lecture ($1,131.68):		
Mrs. M. Monkhouse, addressing envelopes	4.88	
Postage	104.96	
University Press, printing, sorting, mailing	1,021.84	
Maintenance and Equipment of Lecture Theatre ($149.05):		
General Films Ltd., screens	99.00	
Accounts under $10 (2)	13.12	
Superintendent's Dept., labour, $10.65; material, $26.28	36.93	

Medals ($41.87):		
Birks-Ellis-Ryrie, engraving	$ 6.54	
John Pinches, medals	35.33	
Association of American Medical Colleges, membership fee	150.00	
	$ 3,853.82	
Less credits: St. Michael's College—Aptitude test	5.00	
		$ 3,848.82

78a. Physical and Health Education

Honoraria for instructors ($400.00):		
Warren Stevens	$ 250.00	
C. Zwygard	150.00	
General Expenses ($146.62):		
Jack Watson Sporting Goods, balls	20.65	
University of Toronto Athletic Association, clerical assistance	28.50	
University Press, text books, stationery	97.47	
		$ 546.62

79. Medical Building

Heat and light		$ 5,052.54	
Gas, water and occasional fuel ($1,263.09):			
Gas, $472.72; water, $675.31		1,148.03	
Halliday Bros., fuel		96.90	
Superintendent's Dept., labour, $16.16; material, $2.00		18.16	
Caretaker's supplies:			
Superintendent's Dept., material		146.13	
Cleaning ($2,187.46):			
Allen Mfg. Co., laundry		18.10	
White Window Cleaning Co.		47.00	
F. P. Mottram, overtime services		61.00	
Superintendent's Dept., labour		2,061.36	
Repairs and renewals ($2,750.67):			
Wm. Bartlett & Son, shades		17.27	
City Treasurer, elevator license		5.00	
Ocean Chemicals, fumigating, spraying		205.00	
W. E. Routery, plastering repairs		97.35	
Superintendent's Dept., labour, $1,993.45; material, $432.60		2,426.05	
Caretaker, F. J. Mottram, 12 mos. (and overtime $66.85)		1,450.00	
		$12,849.89	
Less heat and light charged to Central Power Plant	$5,052.54		
Credits: cleaning, $100.00; caretaker's supplies, $72.41; repairs, $5.30	177.71		
		5,230.25	
			$ 7,619.64

80. Banting Institute

Heat, Dept. of Public Works, Province of Ontario	$ 6,000.00	
Gas, $374.76; electric current, $4,556.87; water, $830.73	5,762.36	
Caretaker's supplies:		
Superintendent's Dept., material	516.56	
Cleaning ($5,803.50):		
Allen Mfg. Co., laundry	54.20	
Co-Operative Window Cleaning, service	50.00	
D. Le Brock, overtime services	5.00	
Superintendent's Dept., labour	5,694.30	
Repairs and renewals ($2,990.32):		
Wm. Bartlett & Son, shades	19.02	
Canadian Powers Regulator Co., maintenance temperature control	30.25	
City Treasurer, elevator licences	15.00	
T. Eaton Co., linoleum	23.71	
Taylor Engineering Co., repairing arch	15.69	
Superintendent's Dept., labour, $2,205.94; material, $680.71	2,886.65	

Alterations to Animal Quarters:			
Superintendent's Dept., labour, $780.68; material, $411.52		$ 1,192.20	
Caretaker, H. L. Vickery, 12 mos.		1,550.00	
		$23,814.94	
Less credits for cleaning, etc.		114.65	
			$ 23,700.29

81. Anatomical Building

Heat and light		$ 2,856.97	
Gas, $23.15; water, $46.03		69.18	
Caretaker's supplies:			
Superintendent's Dept., material		244.32	
Cleaning ($1,951.16):			
Allen Mfg. Co., laundry		21.00	
White Window Cleaning Co.		22.00	
Superintendent's Dept., labour		1,908.16	
Repairs and renewals ($1,638.99):			
Wm. Bartlett & Son, shades		31.69	
City Treasurer, elevator licenses		10.00	
Dustbane Products, electric polisher		220.50	
Johnson Temperature Regulator, service, repairs		39.64	
Trane Co. of Canada, traps		13.56	
Superintendent's Dept., labour, $1,099.13; material, $224.47		1,323.60	
Caretaker, M. J. Shepherd, 12 mos.		1,450.00	
		$ 8,210.62	
Less heat and light charged to Central Power Plant	$2,856.97		
Credit for cleaning	10.00		
		2,866.97	
			$ 5,343.65

82. Hygiene Building

Heat and light		$15,784.71	
Gas, $1,718.66; water, $3,950.72		5,669.38	
Caretaker's supplies:			
Superintendent's Dept., material		901.78	
Cleaning ($7,452.00):			
Allen Mfg. Co., laundry		55.30	
Co-Operative Window Cleaning Co.		120.00	
Superintendent's Dept., labour		7,276.70	
Repairs and renewals ($2,515.37):			
Wm. Bartlett & Son, shades		37.36	
Brooks Marble & Tile Co., new post		11.25	
City Treasurer, elevator licenses		20.00	
Accounts under $10 (3)		11.32	
Superintendent's Dept., labour, $1,934.01; material, $501.43		2,435.44	
Caretaker, J. Irwin (12 mos.)		1,500.00	
		$33,823.24	
Less heat and light charged to Central Power Plant	$15,784.71		
Credits for cleaning and share of gas, water, etc.	7,822.84		
		23,607.55	
			$ 10,215.69
			$356,458.47

VIII. SCHOOL OF HYGIENE

83. Salaries

(1) Administration:	
R. D. Defries, Director, 8 mos. at $5,000; Associate Director, 4 mos. at $3,500; also Professor, Hygiene and Epidemiology and Head of Department of Epidemiology and Biometrics (paid also as Director of Connaught Laboratories)	$ 4,500.00
Mrs. Edna L. Fitzgerald, 9 mos. salary at $5,000 of late Director, Dr. J. G. Fitzgerald; ob. 20 June, 1940	3,750.00
J. Craigie, Secretary (paid also $500 as Associate Professor of Epidemiology and in Connaught Laboratories)	500.00

K. M. Kerns, Office Assistant (paid also $462 as Secretary of Department of Epidemiology and Biometrics)	$ 462.00
(2) Epidemiology and Biometrics:	
R. D. Defries, Professor, Hygiene and Epidemiology and Head of Department (paid as Director and in Connaught Laboratories)	.....
Associate Professors:	
J. Craigie, Epidemiology (paid also as Secretary and in Connaught Laboratories)	500.00
N. E. McKinnon, Hygiene and Epidemiology at $1,000 (also in Connaught Laboratories) on war service; T.I. & A.A. Contribution	50.04
Miss Mary A. Ross, Assistant Professor, Biometrics (paid also $75 from Special Fund)	2,700.00
W. Mosley, Director, Field Training	4,200.00
D. B. Avison, Assistant Director at $250 per month; 20 January to 30 April	846.77
A. E. Berry, Lecturer in Public Health Engineering (Sessional; paid also in Faculty of Applied Science)	500.00
Lecturers in Epidemiology:	
J. M. Mather, at $2,400; 5 mos.	1,000.00
J. H. Baillie, at $250 per month, 19 May to 30 June (paid also $900 as Fellow)	354.85
Associates (Sessional):	
Miss E. R. Wheler, Public Health Nursing	2,100.00
A. L. McNabb, Public Health Engineering	150.00
Clinical Associates in Epidemiology (Sessional):	
J. T. Phair (paid also $40 in School of Nursing)	200.00
A. L. McKay, at $200; resigned 31 December	100.00
Instructors for Public Health Officers (Sessional):	
F. O. Wishart (paid also in Department of Hygiene)	250.00
Dr. Mary A. Ross (paid also as Assistant Professor)	75.00
A. J. Bishop (paid also in Department of Hygiene)	200.00
Demonstrators (Sessional):	
A. H. Sellers, at $350; on war service from 11 November	175.00
A. M. Goulding, Temporary (paid also $400 in Department of Hygiene)	100.00
Dr. A. E. C. Riggs	125.00
Fellow in Biometrics (Sessional):	
E. L. Davey, 3 mos. at $1,500; on leave of absence for balance of Session (paid also $261 in Department of Hygiene)	375.00
J. H. Baillie (paid also $354.85 as Lecturer)	900.00
Public Health Nurse Interns:	
Miss M. C. Woodside, 2 mos.	120.00
Miss J. Hoffman, 1 month	60.00
K. M. Kerns, Secretary (paid also $462 as Office Assistant—see above)	462.00
Laboratory Assistants:	
Miss S. R. McCausland	924.00
W. Moore	900.00
W. Deyman, at $735; resigned 15 December	339.13
Miss L. Beattie, at $50 per mo. from 23 January	264.55
Miss J. E. MacDonald, at $42 per mo. from 11 November	322.00
(3) Physiological Hygiene:	
C. H. Best, Head of Department (without salary; paid in Physiology, Special Research and Connaught Laboratories)	.....
Associate Professors:	
D. L. McLean, at $2,900 (also in Connaught Laboratories) on war service; T.I. & A.A. Contribution	145.08
E. W. McHenry (paid also in Connaught Laboratories)	1,200.00
R. E. Haist, Assistant Professor	2,600.00
J. G. Cunningham, Lecturer in Industrial Hygiene (Sessional)	500.00
Research Associates:	
H. M. Barrett	2,800.00
Mrs. Ruth C. Partridge (paid also $150 from Medical Research—Best Fund)	800.00
D. Y. Solandt (paid also in Physiology and from Medical Research—Best Fund)	400.00

Miss J. H. Ridout (paid from Special Funds in Connaught Laboratories) (also from Medical Research—Best Fund) 6 mos. contribution to T.I. & A.A.	$ 18.72	
Research Assistants:		
Miss H. J. Bell	1,400.00	
Miss J. Patterson	1,440.00	
I. G. Goddard, at $500; resigned 15 March (paid also in Connaught Laboratories)	354.16	
Miss A. Britton, 2 mos.	140.00	
Miss E. L. Mahon, Secretary	1,250.00	
C. R. Cowan, Senior Technical Assistant (paid also $700 from Medical Research—Best Fund)	1,600.00	
Technical Assistants:		
W. Staples, at $900; on war service; contribution to Pension Fund	23.75	
Miss L. C. Barber	900.00	
Miss N. Thompson	876.00	
Miss J. M. Smith	660.00	
Miss E. James, 1 mo.	50.00	
Temporary Technical Assistants:		
R. Hann, at $780; resigned 10 May	682.50	
E. Pike, from 21 May to 30 June at $65 per mo.	86.67	
Transfer to Special Rockefeller Fund, 26 May, to increase salaries of Miss J. Patterson and Miss J. Smith	170.00	
(4) Chemistry in Relation to Hygiene:		
P. J. Moloney, Associate Professor (paid also in Connaught Laboratories)	2,800.00	
Miss E. M. Taylor, Demonstrator (Sessional—paid also in Connaught Laboratories)	500.00	
G. Kimm, Technical Assistant	1,000.00	
	$49,902.22	
Less charged to Special Grants	16,331.62	
		$ 33,570.60

84. Maintenance of Department

(1) Administration ($1,136.80):		
Canadian Office & School Furniture Co., tables, chairs, etc.	$ 370.25	
Canadian Public Health Association, reprints	24.50	
Joseph McDowell & Co., rental of calculator	15.00	
Mimeograph Co., stencils, paper	14.59	
Postage	60.00	
Telephone Service	363.47	
University Press, printing and stationery	263.38	
Accounts under $10 (2)	5.82	
Sundry disbursements by department	17.82	
Superintendent's Dept., labour, $1.80; material, 17c	1.97	
(2) Epidemiology and Biometrics ($275.07):		
Canadian Public Health Association, reprints	10.00	
F. W. Fisher Co., cases	13.22	
Mimeograph Co., stencils, paper, ink	41.85	
Postage	50.00	
University Press, binding, printing, stationery	127.57	
Accounts under $10 (4)	13.50	
Sundry disbursements by department: Books, $6.56; printing and stationery, $4.45; sundries, $3.60.	14.61	
Superintendent's Dept., freight, 96c; labour, $3.36	4.32	
(3) Physiological Hygiene ($1,096.36):		
Canadian Industries, chemicals	12.48	
Canadian Laboratory Supplies, glassware, tubing, etc.	82.79	
R. H. Chappell, glass blowing	37.50	
Connaught Laboratories, maintenance of animals, towels	921.08	
Accounts under $10 (6)	29.94	
Superintendent's Dept., labour, $10.48; material, $2.09	12.57	
(4) Chemistry in Relation to Hygiene ($353.99):		
Canadian Laboratory Supplies, glassware, chemicals	320.02	
E. Hookway Glass Works, glassware	15.00	
Accounts under $10 (4)	18.97	
		$ 2,862.22

Special Account No. 1:		
James M. Mather, travelling expenses	$ 27.00	
		$ 27.00
Special Account No. 2:		
E. L. Davey, travelling expenses	$ 25.20	
Public Health Nurses	115.00	
James M. Mather, travelling expenses	11.16	
Mimeograph Co., paper	33.89	
W. Mosley, travelling expenses, $471.75; $385 charged in report of 1939-40 to Rockefeller School of Hygiene, charge now transferred	471.75	
W. W. Turpel, travelling expenses	77.55	
Miss E. Sheler, travelling expenses	76.49	
University Press, paper	14.13	
Accounts under $10	11.05	
		$ 836.22
		$ 3,725.44
Less charged to Special Account		863.22
		$ 2,862.22
		$ 36,432.82

IX. FACULTY OF APPLIED SCIENCE

85. Salaries

Dean's Office

C. H. Mitchell, Dean (retired 30 June)	$ 6,000.00	
		$ 6,000.00

Electrical Engineering

Professors:		
H. W. Price, also Head of Department	$ 5,500.00	
A. R. Zimmer	4,200.00	
V. G. Smith, Associate Professor	3,600.00	
Assistant Professors:		
B. deF. Bayly	3,300.00	
D. N. Cass-Beggs (paid also from Special Funds)	2,800.00	
Lecturers (Sessional):		
R. J. Brown	2,500.00	
J. E. Reid	2,000.00	
L. S. Lauchland at $1,800 (on war service)	.....	
F. Noakes (temporary)	1,800.00	
Demonstrators (Sessional):		
E. A. Ricker	1,200.00	
R. G. Anthes (paid also $625 in Special Research)	1,100.00	
H. A. Courtice	1,000.00	
W. C. Moull at $1,000 (resigned 15 April)	928.57	
W. L. Phoenix at $1,000 (resigned 7 April)	892.86	
W. E. White, 6 mos. part time at $500; 1 month full time at $1,000	571.42	
W. F. Haehnel, part time	500.00	
V. W. Bethel, part time at $500 (resigned 31 March)	428.58	
Temporary Student Demonstrators:		
A. C. Hudson	66.67	
B. K. Smith	66.67	
H. P. Smith	66.66	
J. W. Lawson, Mechanician	2,000.00	
W. R. McKee, Electrician	2,000.00	
W. L. Bakewell, Assistant Electrician	1,150.00	
Miss H. L. Redmond, Office Assistant and Librarian, at $1,075, of which $550 charged to Civil Engineering: Municipal and Structural	525.00	
		$ 38,196.43

Mechanical Engineering

Professors:		
R. W. Angus (paid also $10 for Extension Work)	$ 6,000.00	
E. A. Allcut (paid also $400 for Extension Work)	4,800.00	

Associate Professors:		
Ross Taylor at $3,600; part time for 9 mos. at $200 per month	$ 2,700.00	
W. G. McIntosh	3,500.00	
Assistant Professors:		
G. R. Lord	2,500.00	
R. C. Wiren	2,500.00	
Lecturers (Sessional):		
D. D. Pannabaker	2,600.00	
G. H. Hally at $1,900 (resigned 30 September)	475.00	
C. M. Barrett, Special Lecturer (Sessional)	1,800.00	
R. G. Hillier, Special Instructor (Sessional)	1,800.00	
Instructors (Sessional):		
I. W. Smith (paid also $660 in Special Research)	1,500.00	
W. A. Wallace at $1,300 (resigned 31 October—paid also $330 in Special Research)	185.71	
Demonstrators (Sessional):		
W. T. Thompson	1,100.00	
J. J. Brown at $1,100 (resigned 31 March)	942.85	
A. E. King at $1,100 (resigned 31 March)	942.85	
C. W. McEwen at $1,100 (resigned 31 March)	942.85	
J. A. N. Carmichael at $940 (resigned 31 March)	783.34	
F. Hickey, Engineer and Machinist	2,000.00	
Office Assistant and Librarian:		
Miss M. Burt (on leave of absence from 15 September to 31 Dec.)	1,150.00	
Mrs. G. E. Hammersley, substitute	315.00	
Earl Burt, Assistant Machinist and Foreman, 1,108 hours at 55c	609.60	
John Price, Laboratory Attendant	1,200.00	
		$ 40,347.20

Civil Engineering: Municipal and Structural

Professors:		
C. R. Young, Civil Engineering	$ 5,500.00	
T. R. Loudon, Applied Mechanics, at $5,000 (on war service from July)	1,000.00	
Assistant Professors:		
C. F. Morrison	2,700.00	
W. L. Sagar at $2,700 (on war service from December)	1,631.25	
R. F. Legget (paid also $150 for Extension Work)	2,700.00	
M. J. C. Lazier (paid also $150 for Extension Work)	2,500.00	
Lecturers (Sessional):		
R. B. McIntyre, Applied Mechanics (paid from Special Funds)	.....	
C. E. Helwig, Lecturer, 5 mos. at $2,000; Instructor, 2 mos. at $1,350	1,814.26	
A. E. Berry, Special Lecturer in Municipal Engineering (paid also in School of Hygiene)	1,000.00	
S. H. deJong, Demonstrator, 4 mos.	580.00	
W. Kubbinga, Mechanician, 3 mos. at $1,400; 9 mos. at $1,900	1,775.00	
J. Brown, Laboratory Assistant, 10 mos.	1,100.00	
Miss H. L. Redmond, Office Assistant and Librarian (paid also in Electrical Engineering)	550.00	
		$ 22,850.51

Civil Engineering: Surveying and Geodesy

W. M. Treadgold, Professor, also Head of Department (paid also $562.50 for Summer Camp)	$ 4,500.00	
Associate Professors:		
S. R. Crerar (paid also $500 for Summer Camp)	4,000.00	
E. W. Banting (paid also $475 for Summer Camp)	3,800.00	
J. W. Melson (paid also $450 for Summer Camp and $300 for Extension Work)	3,600.00	
T. L. Rowe, Instructor (Sessional—paid also $187.50 for Summer Camp and $300 in Special Research)	1,500.00	
H. S. Wainberg, Demonstrator, 5 mos.	650.00	
H. V. Steer, Mechanician (Sessional—paid also $500 in Applied Physics and $550 in Special Research)	425.00	
Miss R. Cave, Office Assistant and Librarian (paid also $525 in Applied Physics and $100 in Photographic Service)	625.00	
		$ 19,100.00

Mining Engineering

Professors:		
C. G. Williams, also Head of Department	$ 6,000.00	
J. T. King	4,500.00	
Lecturers (Sessional):		
S. E. Wolfe	2,500.00	
W. T. Turrall	1,800.00	
Instructors (Sessional):		
W. A. M. Hewer	1,600.00	
D. B. Campbell	1,200.00	
J. K. MacFarlane	1,200.00	
W. J. Nichols	1,200.00	
D. H. Hamly, Demonstrator, 6 mos. (paid also in Botany, Applied Physics, and Special Research)	500.00	
E. Tozer, Laboratory Assistant and Mechanician	1,500.00	
C. Waybrant, Laboratory Attendant, Assaying	1,300.00	
H. J. Reilly, Assistant Mechanician, 32 weeks	960.00	
Laboratory Helpers, each 30 weeks:		
C. Rickard	450.00	
D. Trimble	450.00	
Miss J. Bradshaw, Office Assistant and Librarian	1,100.00	
		$ 26,260.00

Metallurgical Engineering

G. A. Guess, Professor	$ 5,700.00	
Associate Professors:		
J. A. Newcombe (paid also $350 for Extension Work)	3,800.00	
R. J. Montgomery	3,700.00	
J. E. Toomer, Assistant Professor	3,450.00	
A. Frumkin, Lecturer (Sessional)	1,800.00	
Hector Ross, Laboratory Attendant, 10 mos. (paid also $15 for Extension Work)	900.00	
Miss E. Singleton, Office Assistant and Librarian (paid also $400 in Secretary's Office)	300.00	
		$ 19,650.00

Chemical Engineering and Applied Chemistry

Professors:		
J. Watson Bain (paid also $10 for Extension Work)	$ 5,500.00	
M. C. Boswell, Organic Chemistry	4,900.00	
E. G. R. Ardagh, Applied Chemistry	4,500.00	
Associate Professors:		
E. A. Smith	3,400.00	
R. R. McLaughlin	3,400.00	
Lecturers (Sessional):		
W. C. Macdonald at $1,900 (on war service from July)	395.86	
J. G. Breckenridge (paid also $450 in Special Research and $200 for Extension Work)	1,800.00	
T. Linsey Crossley, Special Lecturer, Pulp and Paper (Sessional)	150.00	
Instructors (Sessional):		
A. M. FitzGerald	1,600.00	
W. H. Rapson at $1,400 (resigned 31 October)	200.00	
Demonstrators (Sessional):		
M. Adelman (paid also $600 in Special Research)	1,050.00	
B. Marks (paid also $350 in Special Research)	1,050.00	
L. J. Rubin (paid also $350 in Special Research)	1,050.00	
J. O. Thompson (paid also $350 in Special Research)	1,050.00	
R. G. Billinghurst (paid also $250 in Special Research)	1,000.00	
W. G. MacElhinney (paid also $300 in Special Research)	975.00	
E. T. Williams (paid also $250 in Special Research)	950.00	
F. C. D. Wilkes, Jr.	875.00	
E. B. Trickey (part time)	500.00	
W. E. Patte, 23 hours at $1.25	28.75	
A. S. Hunt, Lecture Assistant and Glass-blower	1,800.00	
M. L. Hammond, Lecture Assistant, at $1,000 (resigned 14 June)	958.33	
W. T. Storton, Laboratory Attendant	1,050.00	

Laboratory Attendants at $10 to $15 per week:		
J. Seymour, 51 weeks	$ 755.00	
W. Connor, 32 weeks, 1 day	367.00	
W. Elliott, 30 weeks	315.00	
E. Mann, 24 weeks, 2 days	243.33	
J. Martin, 21 weeks, 1 day	234.00	
J. Wilson, 21 weeks	210.00	
D. Hodge, 4 weeks, 2 days	33.33	
Miss D. Birkett, Office Assistant and Librarian, at $1,250, of which $200 charged to Secretary's Office	1,050.00	
		$ 41,390.60

School of Architecture

Professors:		
H. H. Madill, also Head of Department, at $4,700 (part time from 1 April on account of Military Duties)	$ 4,275.00	
E. R. Arthur, Architectural Design	4,500.00	
H. J. Burden, Assistant Professor, at $3,200 (on war service) T.I. & A.A. contribution	160.08	
Lecturers (Sessional):		
W. E. Carswell	2,650.00	
H. S. M. Carver (temporary—paid also $350 as Special Lecturer and $20 from University Press)	1,450.00	
Special Lecturers (Sessional):		
D. MacKenzie Waters, Architectural Design, at $1,000 (on war service)	.....	
H. S. M. Carver, Town Planning (paid also as Temporary Lecturer)	350.00	
Peter Brieger (paid also in Fine Art)	300.00	
W. S. Wilson, Architectural Economics (paid also as Secretary of Faculty)	250.00	
A. S. Mathers	200.00	
H. B. Dunington-Grubb, Landscape Architecture	100.00	
J. A. Layng, Special Instructor, 6 mos. (temporary for duration of war)	700.00	
F. Coates, Instructor in Modelling (Sessional)	950.00	
Miss J. C. Laing, Librarian and Instructor, Architectural History and French	1,900.00	
G. A. Arksey, Attendant in Drafting Rooms (Sessional)	800.00	
Miss E. W. Dyer, Office Assistant, at $865, of which $340 charged to Engineering Drawing	525.00	
		$ 19,110.08

Engineering Drawing

Professors:		
J. R. Cockburn, Descriptive Geometry	$ 5,000.00	
W. J. Smither, Structural Engineering	4,200.00	
W. J. T. Wright (paid also $300 as Special Lecturer in Technical English)	4,000.00	
Assistant Professors:		
W. B. Dunbar	2,800.00	
A. Wardell	2,800.00	
Lecturers (Sessional):		
P. V. Jermyn	2,400.00	
J. J. Spence	2,100.00	
Instructors (Sessional):		
G. R. Edwards	1,600.00	
R. M. Clark	1,600.00	
J. M. Carswell at $1,500 (resigned 31 December)	642.87	
Demonstrators (Sessional):		
D. P. Scott	1,200.00	
F. W. Philpot	1,000.00	
G. W. Wurts	1,000.00	
C. E. Lingren at $600 (part time—resigned 28 February)	428.57	
W. C. G. Fraser, 4 mos., (paid also in Mathematics)	200.00	
J. S. Vigder, 4 mos., (paid also in Mathematics)	200.00	
G. Brown, Attendant in Drafting Rooms, 9 mos.	1,100.00	
Miss E. W. Dyer, Office Assistant (paid also in Architecture)	340.00	
		$ 32,611.44

Applied Physics

K. B. Jackson, Associate Professor	$ 3,600.00	
V. L. Henderson, Lecturer (Sessional)	2,150.00	
L. E. Jones, Instructor (Sessional—paid also $300 in Special Research)	1,600.00	
Demonstrators (Sessional):		
W. A. Mohun (paid also $350 in Special Research)	1,200.00	
E. L. Dodington (paid also $690 in Special Research)	1,100.00	
D. H. Hamly (paid also in Botany, Mining Engineering and Special Research)	550.00	
H. V. Steer, Mechanician (paid also in Civil Engineering: Surveying and Geodesy, and in Special Research)	500.00	
Miss R. Cave, Office Assistant and Librarian (paid also in Civil Engineering: Surveying and Geodesy, and in Photographic Service)	525.00	
		$ 11,225.00

Special Lectures

Special Lecturers (Sessional):		
R. E. Laidlaw, Engineering Law	$ 300.00	
R. R. Grant, Accountancy and Business (paid also $320 for Extension Work)	300.00	
W. J. T. Wright, Technical English (paid also in Engineering Drawing)	300.00	
Rev. G. A. McMullen, Public Speaking (paid also $100 in Dentistry and $280 for Extension Work)	250.00	
		$ 1,150.00

Secretary's Office

W. S. Wilson, Secretary (paid also in Architecture)	$ 3,500.00	
Miss E. Birkett, Assistant Secretary	1,800.00	
Mrs. Marion Salt, Assistant (resigned 30 June)	1,150.00	
Stenographers:		
Miss D. Birkett (paid also in Chemical Engineering)	200.00	
Miss E. Singleton (paid also in Metallurgical Engineering)	400.00	
Miss L. Gray, 3 weeks, 4 days, at $15 per week (paid also from Clerical Assistance)	50.00	
A. Dykeman, Office Attendant, at $800 (on war service from April)	735.66	
G. Prince, Messenger, 5 weeks	64.34	
		$ 7,900.00
		$285,791.26

86. Electrical Engineering

Light	$ 230.91	
Supplies ($2,225.55):		
Aikenhead Hardware, hardware	31.00	
Canada Wire & Cable Co., wire	108.37	
Canadian General Electric Co., batteries	96.78	
Canadian Industries Ltd., duco	12.53	
Crouse Hinds Co. of Canada, receptacles, conduits, etc	123.41	
Diamond State Fibre Co., fibre, tubing	87.01	
Garage Supply Co., pulley	10.80	
General Radio Co., potentiometers, plugs, posts	98.01	
Leeds and Northrup Co., capacitor	16.51	
Murdock Stationery, ink, stencils	80.55	
W. R. McKee, repairs and recalcitrating motors	11.50	
Photographic Service Dept., blue prints, slides	26.10	
Postage	14.00	
Pryal and Nye, batteries	107.92	
Renold Coventry, couplings	43.90	
Robbins and Townsend, typewriter inspection	17.00	
W. R. Sherrick, moving local phone	47.29	
Swedish General Electric repairs, parts	51.00	
Westinghouse Brake & Signal Co., rectifier unit	23.10	
Weston Electrical Instrument Corporation, coils, shunts, loops	73.20	
Wholesale Radio Co., radio parts	208.09	
University Press, binding, printing, stationery	74.48	
Accounts under $10 (8)	37.93	
Sundry disbursements by department:		
Telephone, telegrams, express, $21.45; hardware, $13.68; sundries, $34.37	69.50	
Superintendent's Dept., freight, $63.06; labour, $503.94; material, $188.57	755.57	

Apparatus ($975.43):			
Garage Supply Co., transformer, compressor		$ 130.14	
General Radio Co., condensers		299.98	
Hardwicke Hincke Inc., rheostat		23.04	
Murdock Stationery, duplicating machine, $285.00 less turn in allowance on used machine, $85.00		200.00	
Robbins and Myers Co. of Canada, motor		38.46	
Sigma Instruments Inc., stop watch		14.68	
Weston Electrical Co., motors		196.45	
A. R. Williams Machinery Co., drill press		72.68	
Furniture, Printing and incidentals:			
University Press, stationery, printing		99.67	
Short Wave ($4,148.37):			
W. B. Blackhall, mechanic, 8 mos., 11 days		501.30	
Canadian Westinghouse Co., radiotrons		197.43	
General Radio Co., radio parts, oscillators, condensers, etc.		2,682.31	
J. R. Longstaffe, radio parts		17.84	
Northern Electric Co., winding coils		18.20	
Riddell Lumber Co., frame and metal building		127.40	
Weston Electrical Co., meters, spools, etc.		92.42	
Wholesale Radio Co., tubes, switches, etc.		82.65	
Superintendent's Dept., freight, $356.22; labour, $67.33; material, $5.27		428.82	
		$ 7,679.93	
Less light charged to Central Power Plant	$ 230.91		
Charged to E. A. Wallberg Memorial Fund	4,148.37		
Sundry credits: Laboratory Deposits, $100.60; sale of material, $12.00	112.60		
		4,491.88	
			$ 3,188.05

87. Mechanical Engineering

Supplies ($822.27):		
Aikenhead Hardware, hardware	$ 39.62	
Babcock, Wilcox, Goldie & McCulloch, gauge glasses, washers	26.91	
Canadian Laboratory Supplies, glassware, acids, weights	37.74	
Coulter Copper & Brass Co., copper face plate	27.00	
Garlock Packing Co., packing	47.74	
Monarch Belting Co., belting, repairs	66.15	
McColl Frontenac Oil Co., oil	84.67	
Postage	18.00	
Scythes & Co., waste	37.10	
Taylor Instrument Co., thermometers	34.99	
Accounts under $10	45.49	
Sundry disbursements by department	10.00	
Superintendent's Dept., freight, $4.81; labour, $61.77; material, $280.28	346.86	
Apparatus—Thermodynamics ($85.59):		
Canadian Laboratory Supplies, thermometers	21.07	
A. Crow & Co., repairs to magneto	10.00	
Lyman Tube & Supply Co., steel tubing	14.71	
W. R. McKee, repairs to motors	16.85	
Accounts under $10 (4)	18.63	
Superintendent's Dept., freight, 55c; labour, $3.10; material, 68c.	4.33	
Apparatus—Hydraulics ($181.13):		
W. R. McKee, repairs to motor	12.00	
Worr Foundry Co., grate bars	169.13	
Proportion of Fuel for Experimental Plant:		
Halliday Bros.	263.39	
Furniture, Printing and Incidentals ($292.93):		
Business Furniture Co., desk	27.00	
Photographic Service Dept., prints, photostats	54.18	
University Press, printing, stationery	186.75	
Superintendent's Dept., labour, $2.55; material, $22.45	25.00	
	$ 1,645.31	
Less credits: Laboratory deposits, $8.70; sale of material, $93.95	102.65	
		$ 1,542.66

88. Civil Engineering: Municipal and Structural

Supplies ($492.47):		
Aikenhead Hardware, hardware	$ 49.58	
Baines and David, steel	79.74	
Canadian Laboratory Supplies, glassware	11.78	
D. Gestetner (Canada), ink, stencils	11.00	
New Standard Foundry, castings	11.72	
Ottawa Silica Co., sand	15.30	
Photographic Service Dept., blue prints	63.25	
Postage	61.00	
University Press, printing and stationery	79.76	
Accounts under $10	22.93	
Superintendent's Dept., freight, $11.74; labour, $12.88; material, $61.79	86.41	
Apparatus ($501.75):		
Aikenhead Hardware, micrometers, calipers	32.85	
Canadian Laboratory Supplies, glassware, motor tests	390.29	
Castset Bits, test shell	16.94	
Precision Scientific Co., brass cups	11.65	
W. S. Tyler Co. of Canada, testing sieves	23.50	
Accounts under $10	26.52	
	$ 994.22	
Less credits: Sale of material	53.85	$ 940.37

89. Civil Engineering: Surveying and Geodesy

Supplies ($483.25):		
Aikenhead Hardware, hardware	$ 20.63	
Art Metropole, steel tapes, tripod	114.36	
Engineering Society, U. of T., drawing paper	30.73	
D. Gestetner, (Canada), pens, paper, ink	22.90	
Instruments Ltd., barometer, steel tapes	32.80	
Thos. Pocklington Co., repairs to instruments	23.50	
T. Tomlinson Foundry Co., plumbs	37.20	
University Press, stationery	104.07	
Accounts under $10 (4)	12.71	
Sundry disbursements by department	14.45	
Superintendent's Dept., freight, 70c; labour, $42.52; material, $26.68	69.90	
Apparatus:		
Art Metropole, steel tapes, transit	457.46	
Summer Survey Camp—Maintenance:		
Instructional Staff ($2,560.00):		
E. W. Banting, services, $475.00; living expenses, $62.50; travelling expenses, $20.00	557.50	
S. R. Crerar, services, $500.00; living expenses, $47.50; travelling expenses, $20.00	567.50	
J. W. Melson, services, $450.00; living expenses, $62.50; travelling expenses, $20.00	532.50	
T. L. Lowe, services, $187.50; living expenses, $50.00; travelling expenses, $20.00	257.50	
W. M. Treadgold, services, $562.50; living expenses, $62.50 travelling expenses, $20.00	645.00	
Sundry expenses ($1,711.38):		
Aikenhead Hardware, cot springs	12.72	
Britnell Bakery, bread	37.89	
Denzel Cox, cleaning brush	24.75	
Wm. Fox, firewood	77.00	
T. Eaton Co., towelling, brooms, mops, etc.	42.75	
Electric Service Co., coffee maker	30.07	
Hydro Electric Power Commission of Ontario, electric current	74.84	
Kawartha Lumber Co., lumber	42.85	
W. A. Lindop, gas, oil	53.18	
Minden Lumber & Building Supplies, lumber	14.60	
Mrs. J. E. Minto, milk	55.50	

National Grocers, provisions		$ 552.38	
Swift Canadian Co., provisions		422.89	
C. Trumbell, milk		74.00	
S. W. Welch, provisions		115.15	
Accounts under $10 (4)		20.63	
Superintendent's Dept., labour, $26.75; material, $33.43		60.18	
Payments to help ($864.15):			
J. E. Minto, caretaker, $240.00; labour, $216.15; ice supply, $35.00		491.15	
James Minto, Jr., chauffeur service		20.00	
Mrs. J. E. Minto, cook		350.00	
C. Trumbell, labour		3.00	
		$ 6,076.24	
Less credits: Board received from Students	$1,835.35		
Laboratory deposits	293.25		
		2,128.60	
			$ 3,947.64

90. Mining Engineering

Supplies ($2,471.57):			
Aikenhead Hardware, hardware		$ 18.26	
Wm. Ainsworth and Sons, weights		40.75	
Baker Platinum of Canada, wire gauge		22.47	
Bausch & Lomb Optical Co., cover glasses, condensers		56.57	
Canadian Industries, fuse lighters, litharge		29.79	
Canadian Laboratory Supplies, glassware, chemicals, etc		62.42	
Central Scientific Co., filter paper		10.17	
Codex Book Co., chart paper		19.71	
M. G. Crabtree, linen		11.00	
Denver Fire Clay Co., crucibles, chemicals		319.09	
T. Eaton Co., glue, twine, magnifiers, etc		43.94	
Eastman Photographic Stores, films, slides, etc		11.06	
Fahralloy, Canada, Ltd., castings		16.20	
Fletcher Russell & Co., clay mufflers		303.52	
H. A. Gathercole, brass block		20.00	
Grand & Toy, stationery		56.79	
A. S. Hunt, glass blowing		25.00	
Ingram & Bell, first aid supplies, forceps, etc		19.51	
Imperial Oil, oil		21.16	
Industrial Electro-Plating, chrome plating		11.00	
Library Dept., replacement of lost books		16.25	
Mine & Smelter Supply Co., discs		13.50	
Morgan Crucible Co., scorifiers		121.87	
Photographic Service Dept., film, prints, etc		11.35	
Postage		30.00	
Railway and Power Engineering Co., cement		16.20	
Roneo Co. of Canada, stencils, ink, paper		42.45	
Stephens Sales Co., stencils, guide		24.65	
W. S. Tyler Co. of Canada, stoves, brass pans		26.53	
University Press, printing, binding, stationery		267.15	
Accounts under $10 (13)		79.97	
Sundry disbursements by department:			
Hardware, $7.23; telegrams and stationery, $7.75; drugs and provisions, $6.16; sundries, $6.97		28.11	
Superintendent's Dept., freight, $139.12; labour, $89.86; material, $446.15		675.13	
Apparatus ($527.74):			
Bausch & Lomb Optical Co., microscopes		198.95	
Canadian Toledo Scale Co., scales		157.37	
Central Scientific Co., lamp		24.50	
Instruments Limited, planometers		79.00	
W. S. Tyler Co. of Canada, testing sieve		36.07	
Williams & Wilson, pyrometer		31.85	
		$ 2,999.31	
Less credits: Laboratory deposits		158.45	
			$ 2,840.86

91. Metallurgical Engineering (including Ceramics)

Supplies ($671.31):		
Bausch & Lomb Optical Co., carbons	$ 14.83	
Canada Metal Co., copper blocks	20.60	
Canadian Laboratory Supplies, glassware, tubing, etc.	189.46	
Canadian Liquid Air Co., cylinder rental	11.00	
Central Scientific Co., bending posts, acids	38.67	
Eastman Photographic Stores, chemicals, plates, etc.	88.65	
T. Eaton Co., pans, cloths	17.32	
Fisher Scientific Co., emery paper	45.04	
Imperial Refining & Smelting Co., crucibles	24.17	
Library, replacement of lost books	11.99	
Morgan Crucible Co., tubes	10.70	
Peckover's Ltd., steel	16.05	
Shore Instrument & Mfg. Co., head for scleroscope	24.06	
University Press, stationery	24.89	
Accounts under $10 (12)	57.45	
Superintendent's Dept., freight, $7.44; labour, $2.32; material, $66.67	76.43	
Apparatus ($522.91):		
Bausch & Lomb Optical Co., instrument repairs	175.00	
Consumer's Gas Co., high speed steel furnace	110.00	
Monark Engineering & Mfg. Co., top for furnace	11.25	
W. R. McKee, repairing meter	2.40	
Sensitive Research Industrial Corporation, voltmeters, milliometers	146.67	
Superintendent's Dept., freight, $16.30; labour, $32.30; material, $28.99	77.59	
		$ 1,194.22

92. Chemical Engineering and Applied Chemistry

Supplies ($7,229.97):		
Armstrong Cork & Insulation Co., corks	$ 80.04	
B. & R. Printing House, paper, books, etc.	56.44	
British Drug House, chemicals	270.08	
Canadian Laboratory Supplies, glassware, tubing, pipettes	2,243.89	
Canadian Liquid Air Co., rental of cylinder, gas	96 33	
Central Scientific Co., glassware, scales, pipettes, etc.	646.07	
Consumer's Gas Co., meter rental	10.00	
Consumer's Glass Co., glassware, shellac, etc.	20.18	
Dominion Oxygen Co., gas	31.33	
T. Eaton Co., chairs, stock pot	27.89	
General Steelwares, pails	18.29	
Halliday Flint Glass Works, test tubes	27.50	
Ingram & Bell, glassware, bandages, thermometers	454.03	
Lake Simcoe Ice & Fuel Co., ice	52.22	
Liquid Carbonic Canadian Corporation, gas	25.20	
Lorie Limited, weights	10.50	
Lyndon Scientific Co., glassware, thermometers	399.13	
McIntyre & Taylor, iron rings	16.25	
Matheson & Co., valve	10.35	
Merck & Co., chemicals	486.50	
Nichols Chemical Co., chemicals	64.63	
Palmer Thermometer Co., repairs	13.72	
C. H. Perrin, expenses in connection with instruction	41.50	
Photographic Service, slides, plates, etc.	14.95	
Thos. Pocklington Co., repairing balances	35.00	
Postage	17.50	
Rolls and Darlington, chemicals	12.74	
Textile Products, towels	99.96	
Twisswire Brushes, test tube brushes	40.00	
University Press, printing, stationery	83.58	
Accounts under $10 (15)	70.47	
Sundry disbursements by department:		
Hardware, $9.37; telegrams, carfare, groceries, $5.82; sundries, $14.75	29.94	
Superintendent's Dept., freight, $28.60; labour, $737.35; material, $957.81	1,723.76	

Apparatus ($2,028.02):			
American Instrument Co., repairs to apparatus		$ 31.36	
Canadian Laboratory Supplies, balances, furnaces, etc.		581.21	
Central Scientific Co., furnaces, pumps		340.66	
Fischer & Porter Co., rotometer		52.45	
Ingram & Bell, weights, stop watches, viscosemeter		289.50	
Lyndon Scientific Co., analytical balances		88.50	
Maurice A. Knight, filter		26.92	
Milton-Thompson Electric, motors, starters		85.26	
F. J. Stokes Machine Co., portable gauge		60.22	
Superintendent's Dept., labour, $207.95; material, $263.99		471.94	
		$ 9,257.99	
Less credits: Laboratory deposits	$1,329.60		
Sale of material, etc.	91.99		
		1,421.59	
			$ 7,836.40

93. School of Architecture

Supplies ($370.83):			
Beaux Arts Institute of Design, architectural programme		$ 55.78	
Photographic Service, slides		70.92	
Postage		12.00	
Reeves, sons (Canada), drawing paper		31.80	
C. L. Todd, subscriptions		15.00	
University Press, stationery, printing		65.78	
Accounts under $10 (16)		67.12	
Superintendent's Dept., freight, $6.06; labour, $11.81; material, $34.56		52.43	
Apparatus ($120.83):			
T. Eaton Co., stools		18.22	
Business Furniture Co., desk		65.00	
Walker's Publishing Co., book		1.00	
Superintendent's Dept., labour, $30.83; material, $5.78		36.61	
Models for Life Class:			
H. H. Madill, re-imbursement for payments made		28.00	
Staff expenses—outdoor sketching classes:			
H. H. Madill, expenses (three members of staff)		115.00	
			$ 634.66

94. Engineering Drawing

Supplies ($226.19):			
Photographic Service, prints		$ 28.28	
University Press, stationery, printing		51.05	
Accounts under $10 (6)		38.71	
Superintendent's Dept., freight, 17c; labour, $87.99; material, $19.99		108.15	
Apparatus:			
Superintendent's Dept., labour, $62.44; material, $37.56		100.00	
Printing Instruction Sheets ($140.76):			
D. Gestetner (Canada) ink, stencils, paper		75.64	
University Press, printing and stationery		65.12	
		$ 466.95	
Less credits: Laboratory deposits		23.65	
			$ 443.30

95. Applied Physics

Supplies ($604.24):			
Aikenhead Hardware, hardware		$ 47.71	
British Xylonite Co., xylonite		67.42	
Canadian SKF Co., bearing		12.35	
T. Eaton Co., multigraphing, printing		11.07	
Engineering Society, U. of T., paper, ink, pencils		60.20	
D. Gestetner (Canada), ink stencils		24.20	
Peckover's Ltd., steel		20.94	
Photographic Service, chemicals, prints		61.11	
Receiver General of Canada, prints		15.22	
Rudical Transfers, transfers		10.69	

John Smith, chuck, drills	$ 12.00	
Wholesale Radio Co., radio parts	24.53	
University Press, stationery	50.55	
Accounts under $10 (10)	39.56	
Sundry disbursements by department	10.00	
Superintendent's Dept., labour, $41.74; material, $94.95	136.69	
Apparatus ($1,038.03):		
Aikenhead Hardware, hardware	23.84	
Canadian Fairbanks Morse, motor	34.66	
Walter A. Carruthers & Co., objective	50.00	
W. L. Cooke, lens, enlarger, etc.	90.00	
General Radio Co., sound analyzer, Strobotac	422.36	
W. R. McKee, installing thermoscope	33.20	
Peckover's Ltd., steel tees, angles	27.39	
Renold-Coventry, rack, chains	44.82	
H. V. Steer, grinder, buffer, motor	15.50	
Wholesale Radio Co., condensers, switches, etc.	104.95	
Accounts under $10 (2)	8.25	
Superintendent's Dept., freight, $54.26; labour, $77.38; material, $51.42	183.06	
	$ 1,642.27	
Less credits: Laboratory deposits	93.65	
		$ 1,548.62

96. General Expenses

Stationery, printing, calendar, office supplies and incidentals ($2,110.21):		
Canadian National Telegraphs, telegrams	$ 10.97	
Carbon Paper Service Bureau, carbon paper	12.48	
Photographic Service Dept., prints, lantern service, etc.	153.45	
Postage	202.00	
Robbins and Townsend, typewriter maintenance	12.85	
University Press, stationery, printing, directories	1,595.41	
Accounts under $10 (6)	21.00	
Sundry disbursements by department:		
Telephone, $19.48; sundries, $6.32	25.80	
Superintendent's Dept., labour, $59.95; material, $16.30	76.25	
Clerical Assistance ($206.85):		
Miss D. Bailey, 1 1/3 weeks	20.00	
Mrs. G. Good, 3 days	12.00	
Miss L. Gray, 9½ weeks	142.50	
Miss M. Hillier, 1 day	3.35	
Miss A. Hollington, 1 1/3 weeks	20.00	
Miss E. Singleton, 3 days	9.00	
Messenger Service ($85.66):		
Gordon Prince, 3 weeks, 5 days	45.66	
H. Ross, 4 weeks	40.00	
Furniture, fixtures, books, etc:		
(nothing spent)	.....	
	$ 2,402.72	
Less credits: Laboratory deposits	72.55	
		$ 2,330.17

97. Photographic Service

(a) Salaries:		
Professor G. R. Anderson, Manager (without remuneration)	.....	
Photographers:		
C. Crowther	$ 1,450.00	
Mrs. M. Milne	1,200.00	
F. Stark	1,000.00	
W. Vance	1,000.00	
Secretary, Mrs. R. E. Morley	1,150.00	
Office assistant, Miss R. Cave (paid also in Civil Engineering and Applied Physics)	100.00	
Studio assistant, F. Sayer	800.00	
		$ 6,700.00

(b) Expenses:

Supplies ($1,241.67):		
W. E. Booth Co., film, chemicals	$ 13.40	
Eastman Photographic Stores, photo supplies	646.28	
Gevaert Co., photo supplies	97.61	
Instruments Limited, blue print paper	75.40	
Rectigraph Co., rectigraph paper	310.65	
University Press, printing, stationery	40.99	
Accounts under $10 (8)	26.10	
Superintendent's Dept., labour, $8.30; material, $22.94	31.24	
Apparatus:		
(nothing spent)	.....	
	$ 1,241.67	
Less credits: material returned	.26	
		$ 1,241.41
		$ 7,941.41

NOTE: Receipts for photographic work (including accounts receivable, $93.58) amounted to $4,074.31.

98. Mining Building (including Mill Building)

Heat and light		$ 8,790.97	
Gas, $1,025.20; electric current, $40.46; water, $462.78		1,528.44	
Caretaker's supplies:			
Superintendent's Dept., material		283.17	
Cleaning ($3,963.91):			
Allen Mfg. Co., laundry		37.20	
New York Window Cleaning Service		20.00	
A. Clarke, overtime services		65.05	
I. Green, overtime services		2.50	
White Window Cleaning Co.		30.00	
Superintendent's Dept., labour		3,809.16	
Repairs and renewals ($4,131.36):			
Wm. Bartlett & Son, shades		63.19	
City Treasurer, elevator licenses		15.00	
Mollenhauer Contracting Co., concrete floor		66.00	
Accounts under $10 (2)		10.89	
Superintendent's Dept., labour, $2,870.54; material, $1,105.74		3,976.28	
Caretaker, A. Clarke, 12 mos. (and overtime, $105.55)		1,500.00	
		$20,197.85	
Less heat and light charged to Central Power Plant	$8,790.97		
Credit for cleaning	6.50		
		8,797.47	
			$ 11,400.38

99. Engineering Building

Heat and light		$ 3,686.18	
Gas, $19.59; water, $186.74		206.33	
Caretaker's supplies:			
Superintendent's Dept., material		248.83	
Cleaning ($1,783.58):			
Allen Mfg. Co., laundry		19.10	
White Window Cleaning Co.,		42.00	
F. Baker, overtime services		113.00	
Superintendent's Dept., labour		1,609.48	
Repairs and renewals ($2,288.94):			
Accounts under $10 (2)		5.41	
Superintendent's Dept., labour, $1,617.76; material, $665.77		2,283.53	
Caretaker, F. Baker, 12 mos. (and overtime, $273.00)		1,450.00	
		$ 9,663.86	
Less heat and light charged to Central Power Plant	$3,686.18		
Sundry credits for cleaning, etc.	219.50		
		3,905.68	
			$ 5,758.18

100. Electrical Building (including Mechanical Building and Wind Tunnel)

Heat and light		$ 4,743.67	
Fuel for Experimental Plant, Halliday Bros.		1,200.00	
Gas, $93.03; water, $451.93		544.96	
Caretaker's supplies:			
Superintendent's Dept., material		150.94	
Cleaning ($2,030.43):			
Allen Mfg. Co., laundry		24.81	
Butterfield Window Cleaning Co.		40.00	
White Window Cleaning Co.		18.00	
W. Dean, overtime services		5.50	
Superintendent's Dept., labour		1,942.12	
Repairs and renewals ($2,245.88):			
City Treasurer, elevator license		10.00	
Vulcan Asphalt and Supply Co., repairing floors		67.45	
Superintendent's Dept., labour, $1,375.16; material, $793.27		2,168.43	
Caretaker, W. Dean, 12 mos. (and overtime, $23.50)		1,350.00	
		$12,265.88	
Less heat and light charged to Central Power Plant	$4,743.67		
Credits: Cleaning, $32.50; sale of fuel, $7.68	40.18		
		4,783.85	
			$ 7 482.03

101. Geodetic Observatory Building

Heat and light	$ 241.99	
Water	16.20	
Caretaker's supplies:		
Superintendent's Dept., material	23.49	
Cleaning ($144.68):		
White Window Cleaning Co.	3.00	
Superintendent's Dept., labour	141.68	
Repairs and renewals:		
Superintendent's Dept., labour, $196.10; material, $38.64	234.74	
	$ 661.10	
Less heat and light charged to Central Power Plant	241.99	
		$ 419.11
		$345,239.32

X. FACULTY OF DENTISTRY

102. Salaries

(a) Regular Staff

A. D. A. Mason, Dean (paid also as Professor)	$ 1,000.00
Professors:	
A. D. A. Mason, Operative Dentistry (paid also $40 in School of Nursing)	5,000.00
F. M. Lott, Prosthetic Dentistry at $5,000 (on war service) T.I. & A.A. contribution	200.04
T. Cowling, Dental Technology and Metallurgy	2,000.00
G. C. Cameron, Dental Pathology and Bacteriology	3,000.00
C. A. Corrigan, Orthodontia	2,500.00
S. S. Crouch, Dental Anatomy; also Lecturer in Orthodontia	850.00
E. W. Paul, Dental Surgery; also Librarian	840.00
I. H. Ante, Professor, Crown and Bridge Prosthesis (without salary, but paid for duration of war—paid also $85 for Extra Mural Lectures and $63 for Dental Technicians' Course)	630.00
F. J. Conboy, Dental Praxis	400.00
Associate Professors:	
R. S. Woollatt (paid also $25 for Extra Mural Lecture)	4,000.00
H. A. Hoskin	4,000.00
R. G. Ellis, at $3,900 (plus $200 additional for duration of war; paid also $215 for Extra Mural Lectures and $67.50 for Dental Technicians' Course)	4,100.00

R. J. Godfrey, at $3,800 (plus $200 additional for duration of war; paid also $50 for Extra Mural Lectures and $300 for Dental Technicians' Course)	$ 4,000.00
J. H. Johnson at $3,600 (plus $200 additional for duration of war; paid also $40 for Extra Mural Lectures)	3,800.00
S. M. Richardson, Radiography	3,300.00
L. F. Krueger (paid also $35 for Extra Mural Lecture)	1,500.00
C. H. M. Williams (half-time)	1,208.00
F. A. Clarkson, Medicine (paid also $25 for Extra Mural Lecture)	360.00
F. E. Risdon, Oral Surgery	180.00
L. A. Kilburn, Dental Praxis	150.00
E. S. Ryerson, Assistant Professor (also in Faculty of Medicine)	360.00
Associates:	
Dentistry:	
G. H. Coram	1,400.00
W. T. Holmes	1,000.00
J. H. Duff, at $630 (plus $630 additional for duration of war; paid also $35 for Extra Mural Lecture)	1,260.00
J. M. Sheldon (paid also $35 for Extra Mural Lecture)	836.00
G. D. Beierl	750.00
G. V. Morton	670.00
R. R. Walker	670.00
R. L. Twible	648.00
F. L. Cole	640.00
F. Martin (paid also $50 for Extra Mural Lectures)	630.00
W. D. Hugill	560.00
W. D. Cavanagh	540.00
H. A. Ross	500.00
P. G. Anderson (paid also $25 for Extra Mural Lecture)	495.00
J. H. G. Harwood	315.00
D. M. Tanner, at $50 (on war service)	.....
J. W. Graham, for duration of war (paid also in Faculty of Medicine)	50.00
E. A. Grant (without salary)	.....
Miss W. C. Riddle, Histology, Bacteriology and Pathology	2,160.00
G. W. Spinks, Dental Anatomy (paid also $27 for Dental Technicians' Course)	700.00
G. Vernon Fisk, Orthodontia (paid also $150 in Institute of Child Study)	200.00
Preventive Dentistry:	
Miss D. F. J. Berry	1,500.00
J. Kruetzer (paid also $25 for Extra Mural Lecture)	980.00
M. A. Cox	600.00
C. C. Rous, Lecturer, Applied Chemistry and Metallurgy, at $300 (on war service; also in office staff)	.....
E. J. Pratt, Special Lecturer in English (Sessional—paid also $30 in O.C.E.)	360.00
Instructors:	
E. M. Rigsby, Dental Technology	240.00
Rev. G. A. McMullen (paid also in Applied Science and University Extension)	100.00
Principles of Accounting:	
W. E. Secord	150.00
Miss A. Lougheed (paid also $180 as Instructor in Typewriting for Dental Nurses)	100.00
Demonstrators (Sessional):	
C. G. Pearson, Dentistry	500.00
W. G. McIntosh, Periodontology	292.00
W. Butt, First Aid	40.00
Demonstrators in Dentistry for duration of war:	
A. M. Hord	675.00
J. G. Perkin (paid also $36 for Dental Technicians' Course)	578.00
T. N. Scott (paid also $36 for Dental Technicians' Course)	563.00
Technicians:	
W. V. Byrne, Dentistry	1,900.00
Miss I. A. Bumby, Bacteriology and Pathology	1,100.00
H. F. Whittaker, Histology (also in Faculty of Medicine)	150.00

Laboratory Assistants:		
H. Aylward, Infirmary (paid also $48.34 from Dental Research Fund)	$ 1,250.00	
Mrs. Mary Gratton, 34 weeks	306.00	
		$ 68,786.04

(b) Infirmary Staff (including Nurses)

Nurses:		
Miss E. O. Courtney, Supervisor (10 mos.)	$ 1,300.00	
Miss L. E. Tutt (10 mos.)	1,000.00	
Miss J. Miller (10 mos.)	900.00	
Miss M. M. Brown (10 mos.)	800.00	
Miss A. E. Phipps (10 mos.)	800.00	
Mrs. E. G. Mason (10 mos.)	800.00	
Miss A. H. Rose (9 mos.)	840.00	
Miss F. G. Whitehead (8 mos.)	800.00	
Miss V. H. Broadrib (8 mos.)	560.00	
Miss A. Lougheed, Instructor in Typewriting for Dental Nurses (also in Regular Staff)	180.00	
Mrs. L. Barraclough, Laundress, 40 weeks, 5 days	688.15	
		$ 8,668.15

(c) Office Staff

C. C. Rous, Secretary, at $3,100 (on war service; also in Regular Staff) Pension Contribution	$ 170.00	
Miss F. A. Cook, Secretary to the Dean	1,800.00	
Miss F. Ward, Assistant to the Secretary, at $1,200 (plus $200 additional for duration of war)	1,400.00	
Miss H. Reid, Assistant Librarian	1,100.00	
Miss C. Cochrane, Secretarial Assistant for duration of war	1,000.00	
Clerk in Secretary's Office at $1,000:		
Miss M. D. Hill, resigned 31 August	166.66	
Miss F. I. Fulton (10 mos.)	833.34	
Miss L. Park, Cashier	1,200.00	
A. D. Atkins, Assistant in Library, 20 weeks	140.00	
		$ 7,810.00
		$ 85,264.19

103. Laboratory and Infirmary Supplies, Apparatus and Equipment

Aikenhead Hardware Ltd., hardware	$ 19.83
P. G. Anderson, slides	59.00
I. E. Ante, lantern slides	97.50
I. H. Ante, models	79.13
Art Metropole, brushes	10.47
Ash Temple Co., dental supplies	2,013.32
Baker & Co., alloy, tubes, etc.	39.15
Baker Platinum of Canada, alloy	20.00
Bausch & Lomb, metal hoods, etc.	39.50
Burke Electric & X-ray Co., screens	16.00
Canadian Cellucotton Products, kleenex	29.77
Canadian Hanson & Van Winkle Co., abrasive, pumice	59.79
Canadian Laboratory Supplies, glassware, chemicals	66.37
Canadian Laundry Machine, padding, soda	18.17
L. D. Caulk Co., cement, porcelain, etc.	116.14
Central Scientific Co., glassware, chemicals	245.84
Chemistry Department, student's breakages	301.94
A. A. Cockburn, towels	45.90
Columbia Dentoform Corporation, models, tools, etc.	234.62
Corbett-Cowley Ltd., laboratory coats	144.72
Denco (Ontario) Ltd., dental supplies	493.78
Dental Products Corporation, dental supplies	297.39
Dominion Dental Co., dental supplies	767.95
Eastman Photographic Stores, films, slides, etc.	600.23
T. Eaton Co., chair cleaner, curtains, etc.	137.58
Engineering Society, U. of T., detail paper	18.60
Fitzgerald McAvoy, test tube baskets	17.49
General Plating Co., plating	20.00
Gibson Cleaners Ltd., couch covers, etc.	19.75
Ed. Green Dental Supplies, dental supplies	265.22

J. J. Guenio, wire bands, etc.		$ 26.85	
J. F. Hartz Co., chemicals, rubber gloves, etc.		262.24	
Interlake Tissue Mills, paper napkins		120.00	
Johnson & Johnson Ltd., absorbent, gauze, etc.		292.33	
Johnson Matthey Co., gold inlay		1,858.32	
H. D. Justi & Son, acrynamel outfits		22.48	
Kern Co., negocoll		14.83	
Frank Martin, models		25.87	
Metal Craft Co., stools		142.56	
Might Directories, directory		32.40	
S. McCord & Co., plaster of paris		309.77	
National Drug & Chemical Co., chemicals		162.21	
National Refining Co., repairs, dental supplies		3,525.02	
Office Specialty Mfg. Co., cabinet		76.00	
Jas. Palmer, microscopes, repairs		464.75	
Photographic Stores, prints, slides		117.45	
Physics Department, students breakages		36.10	
Proctor & Gamble Co., liquid soap		101.78	
Queen City Dental Mfg. Co., syringe tips		14.00	
E. M. Rigsby, repairs to lathe		12.00	
Robbins & Townsend, rebuilt typewriter		85.00	
W. R. Sherrick, switchboard cable, etc.		131.17	
Fred Shorney Ltd., kodacrome film		31.05	
Ella Skinner, nurses uniforms		369.30	
T. M. Stovell, models		10.75	
Toronto Dental Dealers, gowns		252.23	
Toronto Stamp & Stencil Works, steel figures		15.12	
Underwood Elliott Fisher, rentals		84.00	
Wards Natural Science, specimens		90.65	
West Disinfecting Co., dispenser		12.62	
S. S. White & Co., dental supplies		1,829.59	
Whitex Surgical Supply Co., dental mounts, etc.		59.75	
Williams Gold Refining Co., gold, wire		1,679.69	
G. H. Woods, drinking cups, paper		71.56	
Wrought Iron Range Co., urn		59.95	
University Press, dental nurses kits		157.62	
Accounts under $10 (45)		223.76	
Sundry disbursements by department:			
Laundry, $150.95; drugs and chemicals, $23.61; equipment, $14.63; hardware, $21.74; sundries, $27.99		238.92	
Superintendent's Dept., freight, $73.37; labour, $1,657.57; material, $1,270.89		3,001.83	
		$22,316.67	
Less credits: Laboratory deposits	$1,861.79		
Gold sweepings	518.96		
Sale of drill press	20.00		
		2,400.75	
			$ 19,915.92

104. General Expenses

Stationery, printing, calendar, office supplies and incidentals ($1,851.55):		
D. Gestetner (Canada) Ltd., stencils, paper	$ 92.47	
Office Specialty Mfg. Co., cabinet	24.00	
Postage	153.00	
Remington Rand Ltd., carbon, kardex	22.62	
Robbins & Townsend, typewriter maintenance	40.00	
University Press, printing and stationery	1,465.67	
Accounts under $10 (6)	33.09	
Sundry disbursements by department:		
Telephone and telegrams	20.70	
Extra-mural lectures ($695.00):		
P. G. Anderson	25.00	
I. H. Ante	85.00	
F. A. Clarkson	25.00	
J. H. Duff	35.00	
R. G. Ellis	215.00	
R. G. Godfrey	50.00	
J. W. Graham	25.00	

G. H. Johnson	$ 40.00	
J. Kreutzer	60.00	
F. Martin	50.00	
J. M. Sheldon	35.00	
J. Wallace	25.00	
R. S. Woollatt	25.00	
American Association of Dental Schools, dues	50.00	
	$ 2,596.55	
Less received from Royal College of Dental Surgeons, account of extra-mural lectures	395.00	
		$ 2,201.55

105. Dental Building

Fuel:			
Millar Coal Co.		$ 1,803.79	
Gas, $241.43; electric current, $2,640.15; water, $313.84		3,195.42	
Caretaker's supplies:			
Superintendent's Dept., material		735.49	
Cleaning and Fireman ($3,288.92):			
White Window Cleaning Co.		28.00	
Superintendent's Dept., labour		2,448.96	
Fireman—Superintendent's Dept., labour		811.96	
Repairs and renewals ($2,698.66):			
City Treasurer, elevator licenses		10.00	
Downtown Welding, welding garbage burner		11.00	
Supreme Boiler and Engineering Co., repairs		17.48	
Triplex Weather Strip Co., weather stripping		14.50	
Superintendent's Dept., labour, $1,752.69; material, $892.99		2,645.68	
Caretaker, R. Eades, 12 months		1,400.00	
		$13.122.28	
Less credits:			
Cleaning, etc.	$15.45		
Charged to T.F. Dominion Government Grant Dental Technicians Course for cleaning, $176.00; caretaker's supplies, $100.00; gas, $45.00; water, $40.00; light, $180.00	541.00		
		556.45	
			$ 12,565.83
			$119,947.49

XI. FACULTY OF HOUSEHOLD SCIENCE

106. Salaries

(a) Household Science:		
Miss J. Brodie, Professor (with rooms, heat and light valued at $280)	$ 4,200.00	
Assistant Professors:		
Miss A. C. Willard	3,450.00	
Miss E. W. Park	2,700.00	
Miss J. I. Simpson, resigned 30 June	2,600.00	
Lecturers (Sessional):		
Miss J. S. Roberts (paid also $30 for Extension Work)	2,500.00	
Miss D. E. Mulholland	1,800.00	
Miss H. R. Coatsworth (part-time)	1,000.00	
Assistants (Sessional):		
Miss B. V. R. Broadfoot	800.00	
Mrs. Kathleen Elliot	800.00	
Miss E. Lovell, Research Assistant (Sessional)	1,000.00	
	$20,850.00	
Charged to Massey Treble Bequest	3,000.00	
		$ 17,850.00

(b) Food Chemistry:

Dr. C. C. Benson, Professor, also Secretary to Faculty (with rooms, heat and light valued at $280)	$ 4,200.00	
Lecturers (Sessional):		
Dr. M. Doreen Smith	1,700.00	
Miss E. I. Walker	1,700.00	
Miss E. J. Reed, Instructor (Sessional)	1,250.00	
Assistants (Sessional):		
Miss R. V. Dexter	800.00	
Miss D. M. Lindsley (paid also $600 as Clerical Assistant)	500.00	
Miss G. O. Stonestreet (part-time)	300.00	
Mrs. Dorothy C. Hamer, temporary	18.00	
		$ 10,468.00
		$ 28,318.00

107. Household Science Department

Laboratory supplies ($1,824.24):		
Acme Farmers Dairy, milk, cream	$ 290.74	
Borden Co., milk powder	13.23	
Canadian Laboratory Supplies, glassware, etc.	200.33	
T. Eaton Co., kitchen equipment	140.22	
Eddy Match Co., matches	13.19	
Lever Bros., soap	18.08	
Alex Provan, provisions	836.73	
J. & W. R. Scott, provisions	210.50	
F. Simpson & Sons, provisions	30.04	
Robt. Simpson Co., utensils	23.34	
Accounts under $10 (6)	25.61	
Superintendent's Dept., material	22.23	
Laboratory attendance ($1,521.20):		
Mrs. L. Cameron, 10 weeks, 1 day	102.50	
Miss A. Conacher, 36 weeks	576.00	
Mrs. J. McPhail, 32 weeks	162.00	
Miss B. Marshall, 3 days	8.70	
Mrs. E. Stroud, 42 weeks	672.00	
Equipment and Incidentals ($152.48):		
Consumers Gas Co., cleaning burners, etc.	12.00	
Continental Rug Co., rugs	89.45	
Accounts under $10 (3)	10.45	
Superintendent's Dept., labour, $35.15; material, $5.43	40.58	
Books and Special Equipment ($1,458.29):		
Brooks Marble & Tile Co., tiling	16.03	
Canadian Ironing Machine Co., ironer	165.00	
Canadian Laboratory Supplies, gas	83.06	
Walter A. Carveth & Co., instruments	49.75	
T. Eaton Co., kitchen utensils	50.71	
Emmett & Co., subscriptions	11.07	
Johnson Temperature Regulating Co., repairs	38.43	
Lackawana Leather Co., leather	10.16	
Macmillan Co., books	14.60	
Nutrition Abstracts & Review, subscriptions	33.31	
Singer Sewing Machine Co., machine	68.72	
John Smith, repairs to cushions, etc.	10.00	
John Wiley & Sons, books	13.10	
Wistar Institute of Anatomy & Biology, subscriptions	13.50	
Wrought Iron Range Co., dish, truck	51.84	
University Press, binding, directory	25.68	
Accounts under $10 (16)	63.32	
Superintendent's Dept., freight, $4.60; labour, $546.12; material, $189.29	740.01	
	$ 4,956.21	
Less Laboratory deposits, $392.75; charged to Massey Treble Bequest, $1,458.29	1,851.04	
		$ 3,105.17

108. Food Chemistry

Maintenance ($969.78):			
British Drug Houses, chemicals		$ 56.41	
Canadian Laboratory Supplies, glassware, etc.		285.83	
Central Scientific Co., chemicals, glassware, etc.		135.86	
Walter A. Carveth Co., objectives		14.00	
Eastman Kodak Co., chemicals		10.23	
T. Eaton Co., soap, towels		71.16	
Merck & Co., chemicals		27.15	
Thos. Pocklington, repairs to balances		25.50	
Westman Publications, books		13.00	
University Press, stationery, text books		12.02	
Accounts under $10 (12)		59.10	
Sundry disbursements by department:			
Hardware, $20.07; books and stationery, $9.45; food supplies, $31.49; sundries, $15.41		76.42	
Superintendent's Dept., freight, $1.27; labour, $111.96; material, $69.87		183.10	
Laboratory attendance ($1,098.00):			
Mrs. R. Berry, 40 weeks		405.00	
Mrs. I. Scott, 42 weeks		693.00	
		$ 2,067.78	
Less credit from Laboratory deposits		237.43	
			$ 1,830.35

109. General Expenses

Stationery, printing, office supplies and incidentals ($273.86):			
D. Gestetner (Can.) Ltd., paper, stencils, etc.		$ 51.35	
Postage		21.00	
University Press, stationery, text books		180.97	
Accounts under $10 (3)		12.25	
Sundry disbursements by department		8.29	
Clerical assistance ($1,700.00):			
Miss E. C. Cross, 10 mos.		1,100.00	
Miss D. M. Lindsley, 12 mos.		600.00	
			$ 1,973.86

110. Household Science Building

Heat and light		$ 3,441.58	
Gas, $258.65; water, $383.13		641.78	
Halliday Bros., fuel		25.14	
Caretaker's supplies:			
Superintendent's Dept., material		180.94	
Cleaning ($1,714.48):			
White Window Cleaning Co.		24.00	
Superintendent's Dept., labour		1,690.48	
Repairs and renewals ($1,500.00):			
Wm. Bartlett & Son, shades		20.37	
Brooks Marble & Tile Co., repairs		26.95	
Superintendent's Dept., labour, $1,229.44; material, $223.24		1,452.68	
Caretaker, A. J. Maycock (with rooms, heat and light valued at $420) (and overtime $34) 12 mos.		1,150.00	
		$ 8,653.92	
Less heat and light charged to Central Power Plant	$3,441.58		
Credit for cleaning, etc.	11.05		
		3,452.63	
			$ 5,201.29
			$ 40,428.67

XII. FACULTY OF FORESTRY

111. Salaries

Professors:		
C. D. Howe, also Dean of Faculty	$ 6,000.00	
J. H. White	4,900.00	
Associate Professors:		
T. W. Dwight	4,300.00	
G. G. Cosens	4,000.00	
R. C. Hosie, Assistant Professor	3,400.00	
Special Lecturers:		
F. S. Newman	25.00	
A. J. Dunne	10.00	
Miss G. McAree, Secretary in Dean's Office	1,200.00	
		$ 23,835.00

112. Maintenance of Department

Apparatus and Laboratory supplies ($181.58):		
Art Metropole, paper	$ 15.75	
Photographic Service, prints	23.22	
University Press, printing, stationery	42.09	
Accounts under $10 (8)	14.14	
Sundry disbursements by department:		
Stationery and subscriptions, $14.55; sundries, $3.00	17.55	
Superintendent's Dept., freight, 30c; labour, $51.76; material, $16.77	68.83	
Office supplies, printing, calendar, postage and incidentals ($249.67):		
N. S. Houghton, filing cases	24.85	
Postage	25.00	
University Press, printing and stationery	176.64	
Accounts under $10 (2)	9.95	
Sundry disbursements by department:		
Telephone and telegrams, $12.22; sundries, $1.01	13.23	
Practice Camp supplies, travel, etc. ($1,743.79):		
Travelling expenses:		
G. G. Cosens	124.90	
T. W. Dwight	148.05	
R. C. Hosie	41.57	
Canadian Lumberman's Association, guards, bulbs	56.60	
M. S. Crabtree, film and prints	3.78	
Department of National Defence, prints	11.64	
Sherwood Forest Camp, students and instructors board and lodgings	1,300.05	
Superintendent's Dept., material	57.20	
Laboratory Assistance:		
Hugh Campbell, 17 weeks, 1 day	171.82	
	$ 2,346.86	
Less received from students for board	1,018.30	
		$ 1,328.56

113. Forestry Building

Heat and light	$ 956.65	
Gas, $8.66; water, $8.48	17.14	
Caretaker's supplies:		
Superintendent's Dept., material	68.47	
Cleaning ($387.28):		
Allen Mfg. Co., laundry	5.20	
White Window Cleaning Co.	12.00	
Superintendent's Dept., labour	370.08	
Repairs and renewals:		
Superintendent's Dept., labour, $135.17; material, $6.19	141.36	
Caretaker, E. G. Payne, 12 mos. (and overtime $9.00)	1,450.00	
	$ 3,020.90	
Less heat and light charged to Central Power Plant	956.65	
		$ 2,064.25
		$ 27,227.81

XIII. FACULTY OF MUSIC

114. Salaries

Sir Ernest MacMillan, Dean (without salary)	.....	
Professors:		
Healey Willan at $4,000 of which $2,000 paid by Toronto Conservatory of Music	$ 2,000.00	
Leo Smith	1,000.00	
J. Leland Richardson, Carillonneur	500.00	
Secretary to Faculty at $250; also Secretary to the President:		
Miss A. MacGillivray, 7 mos.	145.83	
Miss A. W. Patterson, on leave of absence from 1 December	250.00	
		$ 3,895.83

115. Maintenance of Department

Printing, Calendar, postage and incidentals:		
Postage	$ 16.00	
University Press, printing and stationery	78.89	
		$ 94.89

116. Special

Grant to Toronto Conservatory of Music	$ 10,000.00
	$ 13,990.72

XIV. SCHOOL OF GRADUATE STUDIES

117. Salaries

G. S. Brett, Dean (also in Faculty of Arts)	$ 1,000.00	
Miss N. MacKenzie, Secretary	2,200.00	
Stenographer:		
Miss D. R. Bond, at $1,000; resigned 19 October	373.40	
Miss J. Gordon, at $900; from 21 October	626.60	
		$ 4,200.00

118. Maintenance of Department

Stationery and office supplies:		
Office Specialty Mfg. Co., filing cabinet, trays, cards, etc.	$ 79.65	
Postage	43.00	
University Press, printing and stationery	327.18	
Accounts under $10 (2)	8.06	
Clerical Assistance:		
Miss E. Ridge, Secretariat, Board of Examiners for Professional Degrees, $50.00; expenses, $1.13	51.13	
		$ 509.02
		$ 4,709.02

XV. SCHOOL OF NURSING

119. Salaries

Miss E. K. Russell, Director	$ 3,700.00
Miss F. H. M. Emory, Associate Director and Supervisor of Courses for Graduate Nurses; also Lecturer in Public Health Nursing	3,000.00
Lecturers (Sessional):	
Miss W. L. Chute	2,200.00
Miss N. D. Fidler; also Supervisor of Hospital Administration and Graduate Courses in Teaching	2,200.00
Miss M. B. Millman, Public Health Nursing; also Supervisor of Field Practice	2,100.00
Miss D. M. Percy; also Senior Clinical Instructor in Hospital; resigned 30 June	2,100.00
Miss M. J. Wilson; also Clinical Instructor in Hospital (with living valued at $400)	1,400.00
Miss Marion E. Waddell, Dietitian-Housekeeper (with living valued at $400)	1,200.00

Miss N. K. C. Kenney, Supervisor of Health Service and Residence Nurse (with living valued at $400)	$ 1,080.00	
Miss E. N. L. Mortimer, Secretary-Librarian	1,800.00	
Mrs. E. H. Troop, Office Clerk	960.00	
		$ 21,740.00

120. Special Teaching

Critic Teachers in City Schools, etc. for practice teaching purposes ($530):		
Board of Education	$ 485.00	
Separate School Board	45.00	
University Departments and Special Lecturers ($3,505.61):		
Psychology	300.00	
Anatomy	200.00	
Lecturers (Sessional):		
Dr. Norma H. C. Ford, Biology (paid also in Department)	300.00	
C. E. Phillips, Development of Modern Educational Thought (paid also in Ontario College of Education)	215.00	
Medicine (paid also in Department):		
Beverley Hannah	90.00	
Trevor Owen	115.00	
J. H. Elliott	40.00	
Gordon Bates	20.00	
H. A. Dixon	15.00	
Alan Brown, Paediatrics (paid also in Department)	60.00	
W. K. Welsh, Surgery (paid also in Department)	115.00	
Obstetrics (paid also in Department):		
W. A. Scott	100.00	
H. B. Van Wyck	100.00	
Ophthalmology:		
P. G. Goldsmith	15.00	
C. E. Hill	20.00	
D. E. S. Wishart, Oto-Laryngology (paid also in Department)	15.00	
W. E. Brown, Therapeutics (paid also in Department)	20.00	
J. T. Phair, Child Hygiene (paid also in School of Hygiene)	40.00	
C. G. Stogdill, Mental Hygiene (paid also in Psychology and Psychiatry)	100.00	
A. D. A. Mason, Oral Hygiene (paid also in Dentistry)	40.00	
Mrs. Florence E. Woodcock, Massage (paid also in University Extension)	105.00	
Miss B. Boulter	180.00	
Miss Alma Reid	10.00	
Miss Margaret Weiker	5.00	
Miss M. Bell	15.00	
Miss R. Leavens	111.00	
Miss D. Shantz	25.00	
Miss A. Landon	40.00	
Miss M. Mackay (paid also $10 in Refresher Course)	10.00	
Miss Helen Dunne	133.90	
Nursing:		
Miss J. E. Browne	5.00	
Miss L. Tucker	10.00	
Miss H. Pennock	5.00	
Miss E. de V. Clarke	15.00	
Miss J. M. Kniseley	15.00	
Miss J. C. Watt	10.00	
Extension Course on Hospital Administration:		
Malcolm T. MacEachern (including travelling expenses)	125.71	
G. Harvey Agnew	45.00	
Clayton Smith	50.00	
C. R. Myers	60.00	
J. H. Crouch	40.00	
Miss W. Moyle	20.00	
R. W. Longmore	10.00	
A. J. Swanson	20.00	
G. Freisen	20.00	
J. Hornell	20.00	
W. A. Scott (paid also in Obstetrics)	10.00	

Miss H. T. Meiklejohn (paid also $25 in Refresher Course)	$ 10.00	
James Govan	10.00	
F. A. Logan	10.00	
Miss B. L. Ellis (paid also $20 in Refresher Course)	10.00	
George Edmonds	20.00	
F. Armstrong	20.00	
B. Evan Parry	10.00	
Miss P. Morrison	5.00	
Refresher Courses:		
Administrative Problems in Public Health Nursing Practice:		
Miss E. Cryderman	5.00	
Miss E. Hickey	25.00	
Miss E. Moore	30.00	
Child Hygiene:		
W. E. Blatz (paid also in Psychology)	30.00	
K. S. Bernhardt (paid also in Psychology)	10.00	
J. D. M. Griffin (paid also in Psychiatry)	20.00	
C. B. Farrar (paid also in Psychiatry)	20.00	
C. M. Hincks	20.00	
Home Nursing:		
Miss M. Mackay (paid also $10 in Special Teaching)	10.00	
Wm. Boyd	20.00	
Obstetrical Nursing:		
W. A. Scott (paid also in Obstetrics and Gynaecology)	30.00	
H. B. Van Wyck (paid also in Obstetrics and Gynaecology)	30.00	
Miss M. T. Meiklejohn (paid also $10 in Hospital Administration)	25.00	
Miss J. I. Gunn	20.00	
Miss B. L. Ellis (paid also $10 in Hospital Administration)	10.00	
Alan Brown (paid also in Paediatrics)	10.00	
W. G. Cosbie (paid also in Obstetrics and Gynaecology)	10.00	
D. M. Low (paid also in Obstetrics and Gynaecology)	10.00	
J. C. Goodwin (paid also in Obstetrics and Gynaecology)	10.00	
Miss E. Greenwood	5.00	
Miss Amy Moore (Sister Mary Kathleen)	25.00	
Hospitals and Public Health Organizations ($955.00):		
Victorian Order of Nurses	305.00	
Canadian Red Cross Society	130.00	
Toronto General Hospital	105.00	
St. Michael's Hospital	50.00	
St. Elizabeth Visiting Nurses' Association	40.00	
Toronto Western Hospital	40.00	
Neighbourhood Workers' Association	35.00	
Women's College Hospital	30.00	
St. Joseph's Hospital	20.00	
Miss Alice Grindlay	20.00	
Toronto Psychiatric Hospital	15.00	
Catholic Welfare Bureau	10.00	
Brantford General Hospital	10.00	
Hamilton General Hospital	10.00	
Hospital for Sick Children	10.00	
Ontario Hospital, London	7.50	
Ontario Hospital, Toronto	2.50	
Field Work, Sundry persons	115.00	
		$ 4,990.61

121. School Maintenance

Office supplies, printing, postage, incidentals and occasional Clerical assistance ($1,378.32):		
D. Gestetner (Canada), ink, stencil, paper	$ 92.60	
Johnson Office Furniture Co., desk	12.00	
Office Specialty Mfg. Co., transfer cases, etc.	15.70	
Postage	148.00	
Robbins and Townsend, typewriter maintenance	18.00	
Underwood Elliott Fisher, New Underwood typewriter, $143.78; repairs, $4.20	147.98	
University Press, printing, stationery	526.48	
Accounts under $10 (4)	16.87	

Sundry disbursements by department:		
Stationery, $16.57; telegrams, $22.08; taxes and telephone, $14.13; sundries, $4.91	$ 57.69	
Clerical Assistance:		
Miss M. B. Algie	2.50	
L. Buchan	3.75	
Miss M. Game	17.00	
Miss D. Hogg	54.00	
Mrs. M. Monkhouse	260.50	
Miss M. Smeaton	2.75	
E. Stephenson	2.50	
Classroom equipment and supplies, Library and Advertising ($202.76):		
Canadian Red Cross Society, manuals	32.50	
T. Eaton Co., chairs	41.85	
MacMillan Co. of Canada, books	12.49	
Photographic Service, slides	10.50	
Accounts under $10 (25)	92.72	
Sundry disbursements by department	11.88	
Superintendent's Dept., material	.82	
Graduating Expenses and Fellowship Payments ($337.50):		
Birks-Ellis-Ryrie, graduation pins	67.50	
Internships:		
Miss M. M. Allemang	150.00	
Miss J. Hoffman	120.00	
Travelling and entertainment, extra curricular activities ($131.82):		
W. H. Buckley, musical services	20.00	
Dr. J. G. Falconer, medical examination of Domestics	35.00	
Women's College Hospital, physical examination of domestic staff	12.00	
Miss E. K. Russell, travelling expenses and entertainment of visitors	41.52	
Accounts under $10 (3)	23.30	
		$ 2,050.40

122. Residence Maintenance

Residence Physician:		
Dr. J. G. Falconer	$ 200.00	
Wages, food, laundry and miscellaneous ($14,556.31):		
Pay lists, wages of maids, etc.	4,515.77	
Baker Carpet Cleaners, rugs cleaned	69.63	
James Bamford and Sons, fruit and provisions	949.87	
Barker Bredin Bakeries, bread	257.40	
Canada Bread Co., bread	83.20	
Canada Packers, provisions	368.93	
Christie, Brown & Co., biscuits	161.52	
Alert Coffee Co., tea and coffee	215.18	
Donlands Dairy, milk	343.51	
T. Eaton Co., kitchen utensils, brooms, etc.	237.63	
Gibson Cleaners, cleaning drapes, etc.	11.00	
Heintzman & Co., piano tuning	13.00	
H. J. Heinz Co. of Canada, canned goods, pickles, etc.	90.70	
Ingram & Bell, chemicals, gauze, etc.	27.41	
Kelvinator Co. of Canada, repairs to Kelvinator	42.08	
Kraft Cheese Co., cheese	228.37	
Lines Limited, eggs	382.19	
Marshalls Co., butter	438.64	
Metcalfe Foods, canned goods	88.70	
Michie & Co., provisions	18.05	
S. A. Monk, bulbs, plank, gardening	120.55	
National Grocers Co., provisions	1,856.47	
Wm. Neilson Ltd., ice cream	198.31	
Niagara Glen Products, canned goods	68.95	
Pacific Mills, toilet tissue	91.00	
Parisian Laundry Co., laundry	472.93	
Porter & Black, eggs	18.84	
Redpath Ltd., polishing, etc.	95.00	
Red Wing Orchards, apples	42.00	
St. Lawrence Fish Market, fish	170.15	

Silverwood Toronto Dairy, milk, ice cream	$ 708.93	
Slichters Limited, flowers	15.55	
Sterling Coffee Co., coffee	152.61	
Thomson Groceries, sugar, canned goods	33.68	
West Toronto Creamery Products, butter	94.39	
John H. Wickson, meat	1,481.42	
G. H. Wood & Co., drinking cups	26.00	
Accounts under $10 (11)	60.18	
Sundry disbursements by department: Provisions, $75.65; hardware, $16.91; flowers, $13.97; drugs, $6.24; extra services, $22.75; sundries, $15.51	151.03	
Superintendent's Dept., labour, $23.37; material, $132.17	155.54	
Furnishings and replacements ($600.99):		
Canadian Tumbler Co., glassware	6.69	
T. Eaton Co., rugs, chairs, linens, mattresses, etc.	406.00	
Electrolux of Canada, Electrolux	79.50	
Singer Sewing Machine Co., sewing machine	57.80	
Superintendent's Dept., labour	51.00	
		$ 15,357.30

123. Contingencies

(Nothing Spent)

124. Maintenance of Building (No. 7 Queen's Park)

Fuel ($1,212.70):		
Department of Public Works	$ 1,200.00	
Elias Rogers Co.	12.70	
Water, $167.31; electric current, $531.52; gas, $310.37	1,009.20	
Caretaker's supplies:		
Superintendent's Dept., material	270.98	
Repairs and renewals ($1,520.81):		
Wm. Bartlett & Sons, shades	17.30	
Fitzgerald-McAvoy Wire Co., fly screen, guards	17.17	
Grant Contracting Co., concrete entrance to boiler room	120.00	
B. W. Miller, plants	21.77	
W. E. Routery, plastering	109.75	
White Window Cleaning Co.	12.00	
Superintendent's Dept., labour, $856.07; material, $366.75	1,222.82	
Sundries ($546.68):		
Bell Telephone Co., service	476.47	
Miss Reta A. Gates, refund of fees	28.00	
Miss Lola Wilson, refund of dues	35.00	
Interest on Special Account	7.21	
Caretaker ($1,442.60):		
T. Marriott, 8 mos.	916.86	
E. Marriott, 19 weeks, 5 days	525.74	
		$ 6,002.97
		$ 50,141.28
Charged to Revenue 1940-41		$ 7,921.32
Charged to Rockefeller Fund		42,219.96
		$ 50,141.28

XVI. SOCIAL SCIENCE

125. Salaries

S.M.K. Jaffary, Associate Professor (paid also $80 for Extension Work)	$ 3,800.00
Miss A. C. McGregor, Acting Director and Assistant Professor	2,800.00
Lecturers (Sessional):	
Miss B. M. Finlayson	2,500.00
D. G. McCullagh	1,950.00

Special Lecturers (Sessional):		
Miss N. Lea (paid also $100 for Extension Work)	$ 150.00	
Miss M. Bell	75.00	
M. M. Cohn	75.00	
H. Cruikshank	75.00	
R. E. Mills	75.00	
Miss B. Carver	50.00	
Miss C. E. Whitton	50.00	
Miss M. Fleming	37.50	
B. W. Heise	37.50	
K. H. Rogers (also in Faculty of Arts)	20.00	
Miss B. Touzel	10.00	
Part-time Instructors in Case Work:		
Miss D. Hobden	350.00	
Miss B. Gemmell	300.00	
Miss E. B. Bambridge, Secretary-Librarian	1,475.00	
	$13,830.00	
Less paid by T. F. Social Science Fund	150.00	
		$ 13,680.00

126. Maintenance of Department

Office supplies, printing, calendar, postage and incidentals ($679.21):		
American Association of Schools for Social Work, membership dues	$ 55.78	
Postage	86.88	
Robbins and Townsend, used typewriter, $95.00, typewriter maintenance, $6.45	101.45	
University Press, printing and stationery	306.34	
Accounts under $10 (9)	33.89	
Clerical Assistance:		
Miss B. Rosengren, 2 weeks	27.50	
Miss E. Smith, 3 weeks	41.25	
Sundry expenses by department:		
Books and stationery, $4.74; telephone and telegrams, $6.39, sundries, $10.19	21.32	
Superintendent's Dept., freight	4.80	
Departmental Library ($274.46):		
Musson Book Co., subscriptions	10.64	
University of Chicago Press, subscriptions and books	13.92	
University Press, books	29.55	
Accounts under $10 (39)	144.99	
Superintendent's Dept., sales tax	.36	
Library Assistant, Miss J. Miller	75.00	
		$ 953.67
		$ 14,633.67

XVII. UNIVERSITY EXTENSION AND PUBLICITY

127. Salaries

W. J. Dunlop, Director	$ 5,500.00
B. W. Sharpe, Assistant Director	2,800.00
Assistants:	
Miss D. de F. Milner (paid also $52.50 as Attendant, Evening Classes)	1,550.00
Miss G. Anderson (paid also $100 as Attendant, Evening Classes)	1,500.00
Clerks:	
R. P. Brown, at $1,150; 11 mos. (paid also $97.50 as Attendant, Evening Classes)	1,054.17
W. A. Munro, at $1,200; resigned 31 January (paid also $39 as Attendant, Evening Classes)	700.00
Stenographers:	
Miss L. B. Alexander (paid also $46.50 as Attendant, Evening Classes)	1,200.00
Miss B. W. McClennan (paid also $25.50 as Attendant, Evening Classes)	1,050.00

Mrs. Mona A. Colesberry (paid also $63 as Attendant, Evening Classes)	$ 850.00	
Miss V. M. Sheldon, at $950; resigned 31 October	316.67	
Miss M. E. Drummond, at $900; from 1 March (paid also $16.50 as Attendant, Evening Classes)	300.00	
Miss V. E. Nicoll, at $900 from 1 March (paid also $12 as Attendant, Evening Classes)	300.00	
		$ 17,120.84

128. Extension and Publicity Departments

(a) Extension:

Instructors:

Mrs. M. R. Abel	$ 600.00
D. S. Ainslie	300.00
E. A. Allcut	400.00
J. M. Anderson	300.00
J. G. Andison	452.00
R. W. Angus (including expenses $43.55)	63.55
R. G. Armour	50.00
G. L. Assie	720.00
F. C. Auld	220.00
J. J. Bailey	6.00
J. W. Bain	10.00
W. Baird	6.00
H. D. Ball	150.00
A. E. Barker	420.00
L. S. Beattie	21.00
S. Beatty	46.00
W. G. Becking	97.50
C. B. Bell	60.00
E. S. W. Belyea	375.00
W. G. Bennett	123.50
K. S. Bernhardt	732.00
A. E. Birney	300.00
H. J. Beveridge	130.00
V. W. Bladen	660.00
F. Blair	150.00
W. E. Blatz	10.00
H. Boeschenstein	250.00
E. A. Bott	200.00
Miss E. Bowling	50.00
G. N. Bramfitt	200.00
R. Brauer	150.00
J. G. Breckenridge	200.00
E. P. Bridgeland	900.00
Miss M. Brookstone	380.00
G. W. Brown	280.00
T. H. Brown (including expenses, $65.07)	65.07
W. C. Brown	30.00
W. J. Brown	99.00
C. Brownlow	200.00
A. G. Burns	10.00
S. V. Burr	75.00
R. W. Burton	250.00
A. E. Candy	100.00
J. Cano	200.00
M. E. Chadburn	200.00
S. N. F. Chant	582.00
R. F. Chisholm	10.00
J. G. Clarke	10.00
T. W. W. Clawson	300.00
V. F. Coe (including expenses, $39.65)	55.11
Miss A. C. Cole	88.00
Community Life Training Institute	500.00
Miss A. L. Cook	420.00
G. P. Cosgrave	10.00
H. S. M. Coxeter	150.00
D. G. Creighton	140.00
A. G. Croal	16.50
F. R. Crocombe	420.00
Miss K. M. Crossley	100.00

J. P. Crysdale	$ 10.00
R. M. Dawson	20.00
T. N. Dean	20.00
St. E. de Champ	200.00
A. G. Demous	10.00
Miss A. des Brusei	60.00
Mrs. S. Despard	900.00
W. M. Drummond (including expenses, $14.80)	14.80
C. Dubois (including expenses, $61.39)	61.39
M. Eastman	58.50
Miss E. A. Edwards	100.00
J. H. Elliott	30.00
R. G. Elson	312.50
J. M. Elson	300.00
J. G. Falconer	50.00
E. Fidler	450.00
Miss R. Finley	1,800.00
A. A. Fletcher	30.00
Miss J. M. Forster	200.00
V. C. Fowke	162.00
Miss R. M. Franks	200.00
W. G. Frisby	330.00
W. J. Gardiner	500.00
R. K. George	125.00
Mrs. A. Gibson	1,000.00
J. D. Gibson	10.00
G. P. de T. Glazebrook	150.00
T. B. Godfrey	200.00
T. A. Goudge	320.00
Miss M. C. Graham	40.00
R. C. Graham	200.00
H. A. Grainger	45.00
R. R. Grant	320.00
C. N. Haldenby	150.00
J. B. Hall	393.75
Miss J. Hampson	100.00
C. W. M. Hart	130.00
W. G. Harvey	35.50
J. T. Heard	420.00
Miss F. Held	30.00
K. Helleiner	162.00
Miss G. Hills (including expenses, $267.20)	267.20
E. P. Hincks	687.50
P. K. Haywood	10.00
F. S. Hogg	300.00
F. J. Horwood	200.00
J. A. Houpert	100.00
G. W. Howland	60.00
R. O. Hurst	50.00
H. A. Innis	220.00
Institute of Child Study	200.00
Miss E. Jackes	60.00
S. K. Jaffary	80.00
E. Johnson	200.00
Miss E. M. Joyce	100.00
J. Karol (including expenses $45.79)	45.79
C. B. Kay	60.00
W. S. Keith	30.00
J. D. Ketchum	620.00
W. K. F. Kendrick	100.00
Mrs. J. Kidd	200.00
Mrs. M. L. H. Kirkpatrick	20.00
B. C. Krieger	420.00
J. B. Laidlaw (including expenses $252.83)	327.83
A. Lacey	26.00
B. Lasken	104.00
J. E. Laughlin	200.00
J. W. Lawrence	10.00
M. J. C. Lazier	150.00

Miss N. Lea	$ 100.00
R. F. Leggett	150.00
J. A. Lenahan	200.00
Miss H. P. LeVesconte	600.00
F. J. Lewis	30.00
O. Lodge	10.00
H. A. Logan	420.00
Miss T. Louden	1,100.00
L. Lynch	420.00
Miss E. G. McClelland	150.00
W. J. McCurdy	420.00
J. L. McDonald	40.00
D. J. McDougall	450.00
R. W. E. McFadden	50.00
Dr. Jessie A. McGeachy	120.00
E. W. McInnis	108.00
J. C. McInnis	400.00
R. B. McIntyre	2,200.00
L. A. McKay	420.00
A. T. McLachlan	1,200.00
Miss E. M. Martin	200.00
H. R. MacCallum	10.00
E. W. MacDonald	30.00
Miss M. D. MacDonald	200.00
J. R. MacGillivray	554.00
W. A. MacKintosh (including expenses, $24.40)	24.40
W. MacLachlan	10.00
G. A. MacMillan	500.00
Miss K. McMurrich	200.00
H. Mabson	10.00
S. F. Maine	100.00
I. H. Mills	19.50
J. W. Melson	300.00
L. T. Morgan	130.00
N. L. Murch	69.00
C. R. Myers	300.00
J. A. Newcombe	350.00
Miss N. C. Needler	30.00
R. J. Northcott	150.00
T. W. Oates	42.00
V. J. Okulitch	200.00
Ontario College of Art	600.00
J. F. Parkinson	150.00
Miss A. H. Parsons	500.00
J. Patterson	300.00
J. G. Perold	10.00
Mrs. L. Peterson	1,400.00
P. A. Petrie	58.50
A. Pitt	250.00
A. F. W. Plumptre	10.00
D. H. Pollett	10.00
J. R. Pounder (including expenses $6.00)	18.00
N. Powell	6.00
G. Price	130.00
S. F. Putnam	459.00
Miss F. M. Quinlan	100.00
Radio College of Canada	600.00
L. Rasminsky (including expenses $19.80)	19.80
W. J. M. Redmond	10.00
G. Raymer	150.00
A. L. Richardson	200.00
R. Richmond	300.00
R. G. Riddell	450.00
J. J. Reilly	225.00
Miss J. S. Roberts	30.00
J. D. Robins	130.00
G. de B. Robinson	300.00
C. D. Rouillard	300.00
E. M. Relledge	9.00

J. H. Ryan	$ 200.00
E. S. Ryerson	200.00
R. M. Saunders	715.00
E. Soper (including expenses $26.56)	26.56
Miss J. T. Simpson	60.00
L. Skeach	100.00
J. Skene (including expenses, $14.00)	14.00
A. Slyfield	100.00
B. M. Smith	1,287.50
Miss F. A. Smith	856.00
H. G. Soward	20.00
B. M. Stewart (including expenses, $14.05)	24.05
S. B. Stocking (including expenses, $28.00)	53.00
B. F. Sullivan	10.00
M. D. C. Tait	20.00
R. T. Tanner	60.00
G. Tatham	635.00
G. Taylor	360.00
K. W. Taylor	35.00
T. M. C. Taylor	420.00
S. Thompson	50.00
J. E. Thomson	100.00
Toronto Conservatory of Music	100.00
Toronto General Hospital	120.00
C. W. Wagner	225.00
G. A. Walter	10.00
E. T. Waters	97.50
H. G. Weaver (including expenses, $13.90)	13.90
W. J. Webber	420.00
A. Winghall	130.00
R. M. Winter	50.00
F. W. W. Wetmore	200.00
Miss M. Winter	30.00
Miss F. E. Woodward	1,200.00
W. Wrightman	40.00
Class Assistants:	
H. Ross	15.00
Reader:	
Miss J. MacLaren	150.00
Attendants:	
Miss L. B. Alexander	46.50
Miss G. Anderson	100.00
F. Baker	1.00
F. Borebank	16.00
Miss M. A. Brett	63.00
R. P. Brown	97.50
A. Clarke	48.95
Mrs. W. G. Campbell	48.00
Miss M. E. Drummond	58.50
Mrs. C. Grant	12.00
T. Green	25.00
Miss R. Haldenby	22.00
Miss M. Hargreaves	91.50
J. Harding	.50
H. Hill	2.50
A. G. Kiell	129.00
Miss E. Little	25.50
Miss B. W. McClennan	25.50
J. McCormick	141.30
A. J. Maycock	30.25
Miss D. de F. Milner	52.50
W. A. Munro	39.00
Miss V. Nicholl	12.00
W. J. Scott	212.50
G. Town	67.50
W. Van Ark	110.70
Mrs. A. Yates	2.50

APPORTIONMENT OF THE FOREGOING

	Instructors	Class Assistants	Readers	Attendants	Travelling Expenses	Totals
Summer Courses	$8,210.00					$8,210.00
Teachers' Courses	6,805.00		$150.00	$422.05		7,377.05
Correspondence Courses	2,675.50					2,675.50
Evening Classes	8,055.00	$15.00		929.50		8,999.50
Rural Tutorial Classes	750.00					750.00
W.E.A. etc.	1,827.50			119.65	$20.00	1,967.15
Short Courses	105.00				296.38	401.38
Aerial Navigation	10,101.25					10,101.25
Occupational Therapy	7,175.00					7,175.00
Physiotherapy	6,590.00				267.20	6,857.20
Business Courses	1,035.46			10.00	353.41	1,398.87

Remuneration to Instructors, Class Assistants, etc., as detailed above	$55,912.90
Sundry expenses ($2,888.57):	
Evening Classes:	
Superintendent's Dept., labour	19.20
Short Courses:	
Letter Supply Co., cutting stencils and mimeographing	4.50
Worker's Educational Association:	
Clerical Assistance:	
Miss A. Beamish, 1 week	20.00
Miss L. Green, 21 1/6 weeks	423.33
Sydney Robinson, sundry expenses	13.22
Miss Grace Wales, 28 weeks	560.00
Aerial Navigation:	
Aircraft Supply Co., repairing Link Trainer	61.00
Canadian Electrical Supply Co., batteries, wire	36.96
Wholesale Radio Co., phones, batteries	17.00
Accounts under $10 (6)	32.38
Superintendent's Dept., freight, 70c; labour, $33.67; material, $8.53	42.90
Occupational Therapy:	
Central Scientific Co., glassware	16.57
Curl Bros., looms, materials	72.09
The "Draper", curtains	8.60
T. Eaton Co., chesterfield suite	143.19
Hospital for Sick Children, use of pool	50.00
John A. Madsen Mfg. Co., sewing frames, rods	98.60
J. H. Ryan, binding	15.00
Robert Simpson Co., folding chairs	100.00
Toronto Association of Occupational Therapy, looms	20.00
Trinity College, use of rooms	250.00
Superintendent's Dept., labour, $124.65; material, $179.26	303.91
Physiotherapy:	
Allen Mfg. Co., laundry	15.51
J. F. Hartz, First Aid Kits	10.00
Ingram & Bell, bandages, etc.	10.08
Office Specialty Mfg. Co., lockers	21.05
Physics Dept., student damages	42.40
Robert Simpson Co., tables	39.00
Business Courses:	
Advertising and Sales Club, custom duty	18.83
Saturday Night Press, addressing and mailing	3.40
Miss Olive Weir, reporting and typing lectures	64.85
Miss F. Welden, reporting and typing lectures	50.00
University Press, printing and stationery	305.00
Canadian Association for Adult Education:	
For developing courses in farming communities	1,000.00

Books for loan to Extension students ($87.55):

McAinsh & Co., books	$ 11.00
MacMillan Co. of Canada, books	12.03
Superintendent of Documents, books	15.17
University Press, books	25.65
Accounts under $10 (6)	22.51
Superintendent's Dept., freight	1.19

Office Expenses ($2,951.69):

Electrical Engineering Dept., stencils	12.00
D. Gestetner, stencils, paper	1,186.00
Grand & Toy, tables	48.00
Postage	530.00
Robbins and Townsend, stationery, typewriter maintenance	88.50
University Press, stationery and printing	981.75
Accounts under $10 (4)	22.94
Sundry disbursements by Director:	
Telegrams, $20.60; telephones, $12.74; stationery and carfare, $11.19; sundries, $5.71	50.24
Superintendent's Dept., labour, $22.76; material, $9.50	32.26

Extra Clerical Assistance ($927.22):

Miss M. E. Drummond, 3 weeks, 5 days	70.36
Hilliard Funston, 25 weeks, 4 days	385.00
Miss M. Hargreaves, 12 days	36.00
Miss E. Little, 4 weeks, 9 days	99.00
Miss J. McQuinn, 3½ days	10.50
Miss V. Nicholl, 14 weeks, 5 days	286.36
Miss S. Reiss, 2 weeks	40.00

(b) Publicity:

Advertising and Announcements ($1,473.00):

Branksome Hall	10.00
Canadian Association of Occupational Therapy	50.00
Canadian Churchman	19.00
Canadian Federation of University Women	20.00
Canadian Physiotherapy Association	12.50
Canadian Society of Forest Engineers	50.00
"Cap & Gown", Wycliffe College	15.00
Catholic Record, London, Ont.	20.70
Commercial Club, University of Toronto	15.00
Copp Clark Co.	30.00
Dufferin School Old Boys' Association	15.00
Evening Telegram	186.10
Globe Printing Co.	255.40
Hamilton Normal School	10.00
Humberside "Hermes"	15.00
I.O.D.E. Toronto	35.00
Jarvis Collegiate	11.00
Kitchener Collegiate and Vocational School	15.00
Labour Leader	25.00
Lawrence Park Collegiate Institute	15.00
Lisgar Collegiate, Ottawa, Ont.	15.00
Municipal World	20.00
Ontario Curling Association	25.00
Ontario Secondary School	25.00
Ottawa Normal School	12.00
Peterboro Collegiate & Vocational School	12.50
Runnymede Collegiate	10.00
"The School", Ontario Collegiate of Education	60.00
Students' Administrative Council, University of Toronto	33.50
Toronto Star	178.10
Toronto Normal School	20.00
"The Twig", University of Toronto Schools	12.00
United Church Publishing House	28.00
University of Toronto Monthly	60.00
Welland High School	10.00
York Memorial Collegiate	13.00
Accounts under $10 (21)	114.20

Issue of Monthly Bulletins, Exhibits and Other Forms of Publicity ($3,234.83):			
Canadian Newspaper Service, publication of picture of The Hon. H. J. Cody in National Reference Book		$ 122.00	
Canadian Press Clipping Service, service		40.00	
Photographic Service, blueprints, slides		123.70	
Postage		730.00	
University Press, printing and stationery		2,205.99	
Accounts under $10 (4)		13.14	
Travelling Expenses of Organizers and Speakers:			
W. J. Dunlop		141.33	
		$68,617.09	
Less Credits:			
Sale of Bulletins	$1,452.28		
Returns from University Press re publications of books	316.11		
Charged to T.F. Dominion Government Grant Aerial Navigation	1,500.00		
		3,268.39	
			$ 65,348.70
			$ 82,469.54

XVIII. MEN'S RESIDENCES

129. Maintenance of Buildings

(a) University (North, East and South House):			
Heat and Light		$ 3,757.70	
Fuel:			
Halliday Bros.		75.42	
Water		191.32	
Caretaker's Supplies:			
Superintendent's Dept., material		498.32	
Cleaning and House service ($6,858.05):			
Allen Mfg. Co., laundry		382.49	
Superintendent's Dept., labour		6,475.56	
Repairs and Renewals ($2,834.28):			
Wm. Bartlett & Sons, shades		74.86	
T. Eaton Co., beds, mattresses		510.60	
Robt. Simpson Co., beds, mattresses		17.95	
John Smith, repairing cushions, etc.		6.50	
Superintendent's Dept., labour $1,536.68; material, $687.69		2,224.37	
Furnishing Staff rooms:			
Robt. Simpson Co., furniture, etc.		797.10	
M. J. Wilson, honoraria for services while in charge of Men's Residences		500.00	
Caretaker, H. Brown (and overtime $9.60) 12 mos.		1,350.00	
		$16,862.19	
Less heat and light charged to Central Power Plant	$3,757.70		
Credit for repairs and renewals	180.92		
Credit for Caretaker's supplies	234.75		
		4,173.37	
			$ 12,688.82
(b) University College (No. 73 St. George Street):			
Light		$ 194.65	
Fuel:			
Halliday Bros.		869.76	
Gas, $10.66; water, $81.92		92.58	
Caretaker's supplies:			
Superintendent's Dept., material		134.45	
Cleaning and Furnacemen ($2,129.71):			
Allen Mfg. Co., laundry		93.96	
Superintendent's Dept., labour		2,035.75	

Repairs and Renewals ($675.06):			
Brocks Marble & Tile Co., repairs		$ 10.15	
T. Eaton Co., beds, mattresses		81.30	
Robt. Simpson Co., drapes		38.50	
Superintendent's Dept., labour, $444.79; material $100.32		545.11	
		$ 4,096.21	
Less light charged to Central Power Plant	$194.65		
Credit for Repairs and Renewals	21.76		
Credit for Caretaker's supplies	232.50		
		448.91	
			$ 3,647.30
			$ 16,336.12

XIX. WOMEN'S RESIDENCES AND UNION

130. Maintenance of Buildings

Whitney Hall:			
Heat and light		$ 4,441.32	
Fuel:			
Halliday Bros.		147.34	
Gas, $454.32; water, $477.56		931.88	
Repairs and renewals ($2,643.17):			
Allen Mfg. Co., laundry		24.90	
Wm. Bartlett & Son, shades		42.47	
Superior Boiler and Engineering, new boiler tubes		11.26	
Vulcan Asphalt and Supply, repairs		12.58	
White Window Cleaning		15.00	
Accounts under $10 (3)		15.33	
Superintendent's Dept., labour, $2,072.12; material, $449.51		2,521.63	
Furnace and Boiler man:			
Superintendent's Dept., labour		379.50	
		$ 8,543.21	
Less heat and light charged to Central Power Plant	$4,441.32		
Students' breakage	.25		
		4,441.57	
			$ 4,101.64
92 & 94 St. George Street:			
Fuel ($860.58):			
Halliday Bros.		$ 858.73	
Superintendent's Dept., labour, $1.75; material, 10c		1.85	
Gas, $33.64; electric current, $133.82; water, $70.92		238.38	
Repairs and renewals ($819.21):			
Accounts under $10 (2)		11.68	
Superintendent's Dept., labour, $511.89; material, $295.64		807.53	
Furnace and Boiler man:			
Superintendent's Dept., labour		116.56	
			$ 2,034.73
49 St. George Street:			
Fuel ($556.68):			
Halliday Bros.		$ 529.83	
Elias Rogers Co.		25.40	
Superintendent's Dept., labour, $1.25; material, 20c		1.45	
Gas, $22.68; electric current; $124.92; water, $34.89		182.49	
Repairs and renewals ($844.21):			
Accounts under $10 (2)		5.82	
Superintendent's Dept., labour, $667.40; material, $170.99		838.39	
Furnace and Boilerman:			
Superintendent's Dept., labour		68.20	
			$ 1,651.58
University College Women's Union:			
Heat and light		$ 1,179.46	
Gas, $103.21; water, $44.17		147.38	

Repairs and renewals ($975.92):			
Wm. Bartlett & Son, shades		$ 13.06	
Toronto Window Shade Cleaners, shades cleaned		12.00	
Accounts under $10 (2)		6.80	
Superintendent's Dept., labour, $716.94; material, $227.12		944.06	
Caretaker, Leo Cole, 12 months		1,400.00	
		$ 3,702.76	
Less heat and light charged to Central Power Plant	$1,179.46		
Credits: student's breakages	3.10		
		1,182.56	
			$ 2,520.20
			$ 10,308.15

131. Housekeeping Account

(a) Combined General Charges:

Provisions ($25,040.53):	
Acme Farmers Dairy, milk	$ 2,390.58
B. Amodeo & Son, fruits and vegetables	2,778.96
Arcade Florist, flowers	11.00
Barker Bredin Bakeries, bread, cakes	298.67
Belle Ewart Ice & Fuel Co., ice	37.40
J. Blood, eggs, meat, etc	22.40
Bowes Co., fruit, canned goods	836.92
Canada Bread Co., bread	279.30
Canada Dry Ginger Ale Co., soft drinks	76.04
Canada Packers, butter, meat	1,348.76
A. Carpeneto, fruit, vegetables	205.06
Chateau-Hellman Distributing Co., cheese, dressing	106.10
Christie Brown & Co., biscuits	66.05
City Dairy, milk	631.89
Geo. Coles, cakes, pastry	19.36
G. Craven, marmalade	10.00
Jas. Cridland & Son, meat	47.00
Everist Bros. fruit, vegetables	334.70
Miss M. B. Ferguson, sundry disbursements	32.80
K. C. Freeman, tea, maple syrup	222.50
Frosty Shop, ice cream	54.03
Gold Medal Bakery, bread	20.02
Haeberlin Swiss Bakery, cakes	23.25
Samuel Harris, meat	1,813.71
H. J. Heinz Co. of Canada, canned goods, etc	159.15
Harry Horne Co., jelly powders, custards, etc	99.85
Hudson's Bay Co., frosted foods	66.77
Lines Limited, poultry, eggs	1,051.64
J. A. Little, eggs	251.55
James Lumbers Co., tea	462.35
Macivor Co., meat	838.12
M. P. Mallon, poultry	20.46
Marshalls Co., butter, eggs	1,825.07
McCormicks Ltd., biscuits	226.33
D. McIntyre Co., fish	255.01
National Grocers, groceries	3,170.61
Wm. Neilson, ice cream, chocolate bars	606.25
Ontario Co-operative Honey Producers, honey	10.00
Parisian Bakery, pastry	20.62
Porter & Black, eggs, cheese	550.98
Pure Gold Mfg. Co., coffee	569.67
Purity Bread, bread, rolls	116.06
Red Wing Orchards, fruit, apple juice	69.60
Sani-Sealed Dairies, milk	54.40
J. M. Schneider, meat	731.74
Shirriff's Limited, jellies, etc	84.00
E. D. Smith & Sons, jam	127.98
M. J. Smith, vegetables	51.05
Watson Food Products, potato flakes	50.75
Geo. Weston Ltd., bread, biscuits	106.21
Geo. Weston Bread & Cakes, cakes, rolls	133.24
Wonder Bakeries, bread	410.72
York Trading Co., groceries	1,212.67
Accounts under $10	41.18

Cleaning & House Service ($7,984.91):			
Arcade Florist, flowers		$ 35.00	
T. Eaton Co., kitchen supplies, utensils, etc.		38.66	
A. Guinness & Co., paper napkins, etc.		96.09	
Dr. H. Gibson Hall, medical examination of maids		24.00	
Robert Simpson Co., sheeting, aprons		35.10	
Stewart-LeGrice, candles		10.80	
Wrought Iron Range Co., utensils, brushes, etc.		91.77	
Pay lists, wages of maids, etc.		7,449.74	
Sundry disbursements by Miss Ferguson		25.18	
Superintendent's Dept., labour, $4.71; material, $173.86		178.57	
Furnishings and sundry renewals ($758.39):			
Aluminum Goods, moulds		12.64	
Burmah Studios, vases, candlesticks, etc.		11.50	
Canadian Wm. A. Rogers, silverware		82.76	
Cassidy's Ltd., dishes		396.44	
T. Eaton Co., towelling, carving sets, etc.		41.00	
Houghton's Silverware, repairing Samavar		5.50	
H. S. Howland Sons & Co., pyrex		27.35	
Robert Simpson Co., towelling		112.59	
Superintendent's Dept., labour, $14.17; material, $54.44		68.61	
Office supplies, infirmary service, etc. ($152.46):			
T. Eaton Co., stationery, first aid supplies, etc.		42.05	
Grand & Toy, pencil sharpener		7.00	
Sundry disbursements by department:			
Postage, $25.00; drugs, $19.45; sundries, $8.20		52.65	
University Press, printing, stationery		50.76	
Staff salaries (additional to Dean of Women charged under University College General):			
Dietitians (with living allowance valued at $400 each):			
Miss J. Barber, 6 mos. (ob. 21 Oct.)		850.00	
Miss V. R. Murphy, 10 mos.		1,300.00	
Miss P. West, 8 mos.		800.00	
Summer Assistant:			
Miss M. L. Russell, 19½ weeks		156.00	
Secretary Hostess:			
Mrs. L. R. Howard, 12 mos. (with living allowance valued at $400)		1,000.00	
Nurse Housekeeper:			
Mme Josette Ledoux, 12 mos. (with living allowance valued at $400)		1,100.00	
		$ 5,206.00	
Less charged to Women's Union	$400.00		
Less charged to Whitney Hall	600.00		
		1,000.00	
			$ 4,206.00
			$ 38,142.29
Less credits: napkin rings, keys, etc.			290.38
			$ 37,851.91
(b) University College Women's Union:			
Cleaning & House Service ($1,821.17):			
Parisian Laundry Co., laundry		$ 218.96	
Parker's Dye Works, cleaning		64.97	
Accounts under $10 (5)		26.22	
Sundry disbursements by department		11.53	
Pay lists, wages of maids, etc.		1,223.54	
Superintendent's Dept., labour, $63.03; material, $212.92		275.95	
Furnishings and sundry renewals ($634.76):			
Babayan's Ltd., rugs		125.00	
Brown's Upholstery, furniture repairs		83.77	
T. Eaton Co., chairs, materials, ozete, etc.		154.04	
Gutta-Percha & Rubber Co., matting		22.44	

Robert Simpson Co., curtain rods, cards, chairs, etc.	$ 63.44	
Turca Persian Rug Renovators, repairs to rugs	11.00	
Sundry disbursements by department	.69	
Superintendent's Dept., material	174.38	
Piano, magazines, etc. ($60.33):		
Dominion of Canada, radio license	2.50	
T. Eaton Co., subscriptions	20.74	
Heintzman & Co., piano tuning	22.50	
Sundry disbursements by department	14.59	
Share of salaries detailed under Combined General Charges	400.00	
		$ 2,916.26
(c) Whitney Hall:		
Cleaning and House Service ($7,553.44):		
Arcade Florist, flowers	$ 13.25	
T. Eaton Co., thread, clothes basket, etc.	37.17	
Hoover Co., repairing vacuum cleaner	15.55	
Parisian Laundry Co., laundry	995.10	
Parker's Dye Works, cleaning	170.50	
White Window Cleaning	15.00	
Accounts under $10 (5)	20.84	
Sundry disbursements by department	13.09	
Pay lists, wages of maids, etc.	5,294.57	
Superintendent's Dept., labour, $519.71; material, $458.66	978.37	
Furnishings and sundry renewals ($1,176.18):		
Brown's Upholstery, furniture repairs	184.17	
Canada Label and Webbin Co., name tapes	12.29	
T. Eaton Co., tape, materials, furniture repairs	204.56	
Anthony Foster & Sons, linen	29.63	
John Kay Co., rug	55.00	
Robt. Simpson Co., curtain material	117.00	
Superintendent's Dept., labour, $39.30; material, $534.23	573.53	
Piano, magazines, etc. ($61.00):		
Dominion of Canada, radio license	2.50	
Heintzman & Co., repairing and tuning pianos	58.50	
Share of salaries, detailed under Combined General Charges	600.00	
		$ 9,390.62
(d) 92 & 94 St. George Street:		
Cleaning and House Service ($1,411.19):		
Allen Mfg. Co., laundry	$ 114.51	
Parker's Dye Works, cleaning	24.00	
Accounts under $10 (4)	24.11	
Pay lists, wages of maids, etc.	1,048.56	
Sundry disbursements by department	8.53	
Superintendent's Dept., labour, $33.60; material, $157.88	191.48	
Furnishings and sundry renewals ($485.48):		
S. J. Aliman, rug	61.75	
Brown's Upholstery, mattress rebuilt	17.75	
T. Eaton Co., chintz, linoleum	63.86	
Robt. Simpson Co., chairs	250.60	
Superintendent's Dept., labour, $29.25; material, $62.27	91.52	
Piano rental, tuning, repairs, etc.:		
Accounts under $10 (2)	10.00	
Meals for Resident Head	160.00	
		$ 2,066.67
(e) 49 St. George Street:		
Cleaning and House Service ($846.89):		
Allen Mfg. Co., laundry	$ 71.40	
T. Eaton Co., cleaning supplies	13.19	
Parker's Dye Works, cleaning	14.63	
Accounts under $10 (2)	10.42	
Pay lists, wages of maids, etc.	655.68	
Sundry disbursements by department	21.18	
Superintendent's Dept., labour, $14.08; material, $46.31	60.39	
Furnishings and sundry renewals ($215.66):		
Anthony Foster & Sons, sateen	11.37	
R. Simpson Co., chintz	20.54	

Accounts under $10 (2)	$ 14.61	
Superintendent's Dept., labour, $45.86; material, $123.28	169.14	
Piano rentals, tuning, repairs, etc.:		
Accounts under $10 (2)	10.00	
		$ 1,072.55
		$ 53,298.01
		$ 63,606.16

XX. 132. CENTRAL POWER PLANT

Fuel ($88,893.12):	
Canada Coal Co.	$29,176.74
Great Lakes Coal Co.	51,648.67
Imperial Oil Ltd.	87.50
Millar Coal Co.	7,963.88
Superintendent's Dept., labour, $9.01; material, $7.32	16.33
Hydro-Electric, current $30,152.55; water, $555.51	30,708.06
Engineer's supplies, removal of ashes, repairs and renewals and miscellaneous items ($14,807.48):	
D. V. Anderson, valves	13.21
Babcock-Wilcox & Goldie McCulloch, furnace parts	319.68
Beldams Asbestos Packing Ltd., asbestos, gaskets, etc.	201.09
Bepco Canada Ltd., repairs, parts, etc.	256.25
Canadian-Allis Chalmers, springs	24.51
Canadian Charts and Supplies, charts	42.85
Canadian Gasket Co., gaskets	31.80
Canadian General Electric Co., parts for turbine	1,769.16
Canadian Inspection and Testing Co., chemical analysis	54.00
Canadian Johns-Manville Co., wall covering	23.00
Canadian National Carbon Co., brushes	114.55
Cryer Trap & Valve Co., parts	36.75
Darling Bros., filter cloths	19.44
Dearborn Chemical Co., treatments	488.57
Diamond Specialty Ltd., elements	320.00
Dominion Bridge Co., plates	39.61
Dominion Carbon Brush Co., brushes	54.23
Dominion Wheel Foundries, grate bars	639.70
Downtown Welding, welding pipe	16.00
Foster Wheeler Ltd., grates, coal shute slides	643.95
Garlock Packing Co., spools, coils, etc.	63.25
A. P. Green Fire Brick Co., bricks	177.64
F. S. B. Heward & Co., cutters	34.00
McColl-Frontenac Oil Co., oil	390.11
James Morrison Brass Mfg. Co., gauges, valves	27.33
Robb Engineering Works, piston rings	15.00
Robinson Clay Products, fire bricks	47.36
W. Sherwood & Sons, soldering, etc.	84.00
Smart Turner Machine Co., piston rods	22.20
Smillie Steel Products Co., repairs	262.00
G. F. Sterne & Sons, cement	65.61
E. M. Tozer, recrushing fire brick	11.00
Turnbull Elevator Co., repairs to hoist	743.38
Warren Steam Pump Co., piston rods, etc.	78.66
University Press, printing and stationery	18.58
Accounts under $10 (3)	21.13
Advertising for coal tenders	38.28
Superintendent's Dept., freight, $68.75; labour, $5.735.54; material, $1,795.31	7,599.60
Engineers, assistant engineers, firemen and trimmers ($22,094.27):	
Chief Engineer, C. S. Moseley, 12 mos.	2,900.00
Assistant Engineers:	
L. McMaster, 12 mos.	1,875.50
W. Smith, 12 mos.	1,865.17
S. Simpson, 12 mos.	1,682.34
W. E. Abbott, 9½ mos. and overtime	1,254.51
A. E. McHugh (on war service from August, 1940)	200.83
L. Burrows, 263 days and overtime	881.77

Firemen at $110.00 to $120.00 per mo.:		
Sundry persons	$ 4,363.11	
Trimmers, boiler cleaners and pump attendants at $90.00 to $120.00 per mo:		
Sundry persons	7,071.04	
	$156,502.93	
Less sale of cinders	596.23	
		$155,906.70

XXI. MISCELLANEOUS AND GENERAL

133. Central Stores

Storekeeper, C. A. Johnston, 12 mos.	$ 2,000.00	
Assistant storekeeper, S. Tipping, 12 mos.	1,200.00	
Clerk, Miss J. Taylor, 12 mos.	1,150.00	
Heat and light	463.67	
	$ 4,813.67	
Less heat and light charged to Central Power Plant	463.67	
		$ 4,350.00

134. Grounds

Foreman Gardener, R. R. Corbett, 12 mos.	$ 1,900.00	
Lighting account	574.02	
Labour, gravel, roadways, granolithic walks, flowers, shrubs, and general expenses:		
Aikenhead Hardware Ltd., lawn mower, power machine, etc.	532.39	
Wm. Bartlett & Son, tarpaulin	14.30	
Builders' Supplies, Ltd., stone-piping	69.34	
Canadian Industries Ltd., fertilizer	163.40	
Canadian Steeplejacks, painting flag pole	25.00	
City Treasurer, repairs to fire hydrants, water, etc.	165.30	
Grose Fertilizers & Chemicals Ltd., plant food	89.00	
Halliday Bros. fuel	37.71	
Joe Hampson, sand	68.25	
B. W. Miller, plants	251.37	
North York County Court, fine for overloading truck	11.75	
Provincial Treasurer, truck license	48.50	
Ramsay Contracting Co., repairs to walk	22.00	
Hugh Reid, horse-shoeing	33.15	
Wm. Rennie Seeds, sprayers	17.85	
Riseborough & Jackson, feed	106.68	
Elias Rogers Co., fuel	160.02	
Salems Garage, truck repairs	30.18	
Sheridan Nurseries, plants	15.00	
Wm. G. Stephenson, surfacing roadway, etc.	484.64	
G. F. Stinson, lumber	38.43	
Toronto Hydro-Electric System, temporary lighting	13.70	
W. P. Warner, sod	99.00	
Accounts under $10 (5)	25.70	
Superintendent's Dept., labour, $14,785.14; material, $1,280.97	16,066.11	
	$21,062.79	
Less light charged to Central Power Plant $574.02		
Cartage credits 89.83		
	663.85	
		$ 20,398.94

135. Protective Service

Pay of constables and night watchmen ($16,850.79):		
R. D. D'Arcy, 12 mos.	$ 1,950.00	
C. M. Scruby, 12 mos.	1,500.00	
Night watchmen:		
W. N. Lotto, 12 mos.	1,320.00	
J. Kirkwood, 11 mos. 24 nights	1,295.17	
W. Hunter, 12 mos.	1,260.00	

A. Endersby, 12 mos., and overtime	$ 1,250.09	
J. Anderson, 12 mos.	1,190.84	
H. McGee, 12 mos.	1,190.84	
J. C. Smith, 11 mos. 4 days	1,166.16	
J. J. O'Connor, 12 mos.	1,128.00	
W. Gordon, 10 mos. 19 days	1,114.11	
A. Pinfold, 287 nights	861.00	
C. Stillie, 152 nights	456.00	
J. R. Hinchcliffe, 122 nights	366.00	
T. L. Kirk, 62 nights	196.36	
A. Worthy, 56½ days	170.02	
T. P. Jermy, 53 nights	159.00	
M. Robb, 39 nights	117.00	
W. A. Evans, 21 days	74.52	
A. Smith, 14 days	49.68	
J. Alexander, 10 nights	30.00	
F. Dickson, 2 nights	6.00	
Uniforms, clocks, dials, etc. ($380.76):		
Hardinge Bros., clock repairs	158.50	
Muir Cap & Regalia Ltd., oilsilk covers	18.36	
Tip Top Tailors, uniforms	82.30	
University Press, printing, stationery	39.80	
Accounts under $10 (3)	8.08	
Superintendent's Dept., labour, $47.70; material, $26.02	73.72	
		$ 17,231.55

136. Telephones

Bell Telephone Co., service to 30 June		$13,000.80	
Less receipts from sub-services	$3,624.91		
Residences	729.00		
Slot machines	71.71		
		4,425.62	
		$ 8,575.18	
Switchboard operators ($4,535.60):			
Mrs. J. Hoddinott, 12 mos.		1,056.00	
Miss E. M. Crawford, 12 mos.		960.00	
Miss J. Brown, 12 mos.		912.00	
Mrs. M. D. Good, 12 mos.		912.00	
Relief:			
Mrs. L. Kerr		448.10	
Miss V. Learning		195.75	
Miss M. Burgess		42.00	
Sundry persons		9.75	
			$ 13,110.78

137. Insurance

Balance of premiums on General Schedule as renewed at 1 January, 1940, and other three year miscellaneous policies, brought forward from 1939-40	$45,140.27	
Carried forward to 1941-42	22,570.13	
Charged to Revenue 1940-41		$ 22,570.14
Miscellaneous policies:		
Fire:		
Aetna Insurance Company (Surveying Camp, Gull Lake)	$ 145.23	
Home Insurance Company (Surveying Camp, Gull Lake)	145.23	
Commercial Union Assurance Company, Connaught Laboratories Farm	75.17	
Dominion of Canada General Insurance Company, Biological Specimens	32.00	
Boiler Inspection and Insurance Company	91.48	
London Guarantee and Accident Company, bonding of employees	86.30	
Automobiles:		
Dominion of Canada General Insurance Company, University owned cars, $206.75; non-ownership coverage, $160.00	366.75	
Hydro-Electric Power Commission, permit and inspection fee	50.00	

Canadian Bank of Commerce:		
One year's charge for guarantee re safe-keeping of securities..	$ 150.00	
Accounts under $25 (4)	32.62	
		$ 1,174.78
		$ 23,744.92
Less rebates on cancelled policies		102.93
		$ 23,641.99

138. Law Costs

Hamilton Cassels, K.C., taxed costs as Solicitor to the University	$ 713.95

139. Taxes

City Treasurer, fourth annual payment in lieu of taxes on the following properties: Front and Scott Streets, 188 Yonge Street, King Street, Adelaide Street, 151 Bloor Street	$ 7,500.00

140. Auditor's Fees

Clarkson, Gordon, Dilworth and Nash, annual remuneration	$ 3,000.00	
Special services in connection with proposed segregation of Trust Funds	1,000.00	
		$ 4,000.00

141. Travelling Expenses

President and Academic Staff ($1,185.99):	
President H. J. Cody	$ 136.89
J. Alford	40.00
R. W. Angus	40.00
E. A. Bott	25.30
W. Boyd	38.15
G. S. Brett	59.35
P. H. Brieger	40.00
S. N. F. Chant	27.65
S. D. Clark	25.00
G. G. Cosens	39.40
E. H. Craigie	20.00
Mrs. J. M. Fisher	68.60
K. C. Fisher	40.00
H. S. Jackson	40.00
L. F. Krueger	50.00
Miss M. E. Lovell	50.00
C. B. Macpherson	25.00
Miss M. L. Martin	6.30
A. D. Mason	50.00
E. S. Moore	40.00
W. W. Moorhouse	16.60
C. R. Myers	7.00
P. Nash	40.00
M. A. Peacock	51.00
L. R. Russell	13.30
E. S. Ryerson	112.85
E. Thomson	43.60
G. F. Wright	40.00
Out of town members of the Senate ($709.25):	
A. E. K. Bunnell	113.95
Judge J. S. C. Campbell	41.00
Judge D. J. Cowan	68.95
H. C. Griffith	40.00
J. H. Hardy	84.80
P. A. C. Ketchum	3.90
C. D. McGilvray	37.70
H. M. Morrow	10.85
T. M. Mulligan	52.70
J. P. S. Nethercote	29.00
W. J. W. Reid	5.05
J. B. Reynolds	36.25

H. S. Robertson	$ 34.00	
W. J. Salter	73.00	
L. F. Stephenson	19.90	
A. R. Walker	58.20	
		$ 1,895.24

142. Receptions to Societies and University Visitors

Expenses re sundry public lectures ($870.00):		
W. F. Chipman, K.C.	$ 40.00	
Prof. G. G. Coulton	250.00	
English Speaking Union, re Salute to Britain Meeting	50.00	
Dr. E. G. Faludi	30.00	
Dr. T. Greenwood	125.00	
Prof. H. Gregoire	200.00	
Dr. R. B. Mowat	125.00	
Dr. B. Thomas	50.00	
Catering on sundry occasions ($445.33):		
Hart House, teas and luncheons, $197.40; sundry guests, $31.00	228.40	
University College Women's Union, President's dinner to Students' Administrative Council	38.75	
York Club, luncheons, Sir Gerald Campbell, Hon. Leighton McCarthy, Lady Eaton and other honorary degree recipients	175.58	
Overtime services:		
J. E. Moore	2.00	
A. V. Tilbe	.60	
		$ 1,315.33

143. Convocation Expenses

Hoods, gowns, printing programmes, invitations, etc.:		
E. Awde, engrossing	$ 12.25	
Harcourts Ltd., hoods, repairs to gowns	40.25	
University Press, printing, stationery	290.05	
Accounts under $10 (2)	2.68	
Superintendent's Dept., labour, $3.00; material, $2.55	5.55	
		$ 350.78

144. Publications and Societies

Alumni Federation	$ 2,500.00	
Royal Astronomical Society	150.00	
Royal Society of Canada	400.00	
University Bureau, London, Eng.	268.76	
British School of Archaeology, Jerusalem	100.00	
American School at Athens	200.00	
American School of Oriental Research, Jerusalem	100.00	
American School of Oriental Research, Bagdad	100.00	
Association of American Universities	50.00	
Students' Administrative Council (re student lodgings)	100.00	
Society for Promotion of Engineering Education	16.83	
		$ 3,985.59

145. Senate Elections

(Nothing spent)

146. Bursaries

Awards to sundry students:		
Faculty of Arts	$10,737.00	
Faculty of Medicine	3,575.00	
Faculty of Dentistry	300.00	
Department of Social Science	260.00	
School of Graduate Studies	113.00	
		$ 14,985.00

147. Contingencies

Canadian Bank of Commerce, charges re registration of Securities	$ 5.90	
Chartered Trust and Executor Co., commission on collection of postponed fees of students	14.84	

City Treasurer, local improvement taxes on 78 Queen's Park and 119 St. George Street		$ 106.16	
Hart House, catering re Social Science Convention		66.50	
Dunlop's Limited, flowers for funerals		95.53	
Dr. G. W. Lougheed, examinations of two employees re pensions		10.00	
Manufacturer's Life Insurance Co., interest on mortgage, 104 St. George Street		405.63	
Poppy Fund of Toronto, wreath for Remembrance Day Service		13.00	
Provincial Treasurer, portion of cost of printing University Report		185.39	
Miss I. M. D. Sutherland, designing and engraving "In Memoriam re the late T. A. Russell"		125.00	
Townsend Livery, cars for the funeral of Sir Frederick Banting		22.50	
Accounts under $10 (3)		20.32	
Superintendent's Dept., customs duty, taxes and cartage on Records donated to the University by the Carnegie Foundation		127.63	
Workmen's Compensation:			
Workmen's Compensation Board, to cover allowances to employees, etc.		432.07	
Medical Services for injured employees, etc.:			
Toronto General Hospital		42.00	
Dr. G. M. Blois		13.50	
Dr. R. Thomas		67.00	
Dr. H. Wookey		20.00	
Sundry Doctors (6)		35.50	
			$ 1,808.47

147a. Cost per Student Survey

Amount appropriated		$ 2,000.00	
Amount accounted for 1939-40	$ 186.24		
Expenditures for 1940-41:			
Payments for services rendered the Special Committee appointed by the Board in connection with the Cost per Student Survey and Report:			
C. A. Ashley Associate Professor of Accounting $400.00			
D. G. Tyndal, statistician, 8 weeks 200.00			
	600.00		
University Extension, mimeographing report	31.10		
University Press, printing forms	1.89		
Amount returned to Revenue	1,180.77		
		$ 2,000.00	
			$ .....

XXII. 148. CAPITAL ACCOUNT CHARGES

Accountant, Supreme Court of Ontario, thirty-second annual payment on debenture issue of 1909	$25,260.00		
Less portion charged to Ontario College of Education	10,000.00		
		$15,260.00	
Toronto General Hospital, thirtieth annual payment on debenture issue of 1911, re grant to Toronto General Hospital		15,157.00	
Toronto General Hospital, thirtieth annual payment on debenture issue of 1911, re Old Pathological Building		6,568.00	
Accountant, Supreme Court of Ontario, twenty-sixth annual payment on debenture issue of 1915, re Hart House		5,975.00	
Accountant, Supreme Court of Ontario, seventeenth annual payment on debenture issue of 1924, re Forestry Building		10,000.00	
Accountant, Supreme Court of Ontario, twelfth annual payment on debenture issue of 1929, re Banting Institute		64,193.00	
Royal College of Dental Surgeons, interest on liability of $50,000		2,000.00	
			$119,153.00

XXIII. SPECIAL RESEARCH

(a) Arts: **149. Departmental Appropriations**

Biology:

Research Assistants (Sessional) $2,992.00:

Miss A. M. Ironside (paid also in Department)	$ 600.00	
Miss G. Workman	450.00	
Miss V. E. Engelbert (paid also in Department)	400.00	
J. H. Folwell (paid also in Department)	300.00	
W. W. Judd	300.00	
Miss D. W. Kirk (paid also in Department of Botany)	300.00	
V. E. F. Solman (paid also in Department)	300.00	
G. S. Swain, 3 mos.	270.00	
S. Vickers, 2 mos.	72.00	
Expenses ($1,004.45):		
Art Metropole, thermograph, hydrograph	131.25	
Canadian Industries Ltd., chemicals, paint	11.71	
Central Scientific Co., glassware, furnace heating units	82.62	
Faurot Protective Identification Co., inkless pads, paper	62.43	
Fisher Scientific Co. Ltd., culture dishes	23.24	
J. F. Hartz Co. Ltd., cover glasses	24.00	
Houston Co. Ltd., lumber	10.90	
Kelly Feed and Seed Co., feed	23.05	
Lafayette Radio Corp., radio parts	58.49	
R. Laidlaw Lumber Co., sawdust	12.00	
Lake Simcoe Ice & Fuel Co., ice	20.00	
Maple Leaf Milling Co., feed	38.56	
Murphy's Drug Store, film	14.20	
Neville Co., chemicals	17.91	
Postage	11.00	
Ralston Purina Co., feed	90.43	
J. Frank Raw Co., paper	13.39	
Arthur H. Thomas Co., chemicals	19.15	
Walker Hardware Co., hardware	25.85	
Weston Electrical Instrument Corp., microphone, cells, etc.	79.36	
Class Assistance ($50.00):		
B. Bott, 1 mo.	38.00	
Sundry Persons	12.00	
Accounts under $10 (17)	64.48	
Superintendent's Dept., labour, $46.93; material, $73.50	120.43	
	$ 3,996.45	

Fisheries Research ($4,299.28):

Research Assistants ($2,500.00):		
F. E. J. Fry, 12 mos. (paid also in Department)	$ 1,250.00	
R. R. Langford, 12 mos. (paid also in Department)	1,250.00	
Expenses ($1,799.28):		
Borden Co., klim	52.08	
Geo. Buntin Publishing Co., journal	12.91	
Central Scientific Co., thermometer, chemicals, etc.	48.24	
T. Eaton Co., traps	13.95	
Fisher Scientific Co., repairs to balance	10.29	
Forest Mechanical Specialties Co., bucket	15.03	
Halliday Flint Glass Co., glassware	42.40	
W. J. K. Harkness, disbursements:		
Car expense, gas, oil, etc., $448.23; provisions, $267.67; reprints, $105.25; living expenses and cook's wages, $269.52; Stenographic service, $282.51; fish analysis, $50.00; hardware, $37.76; sundries, $43.18	1,504.12	
Postage	12.50	
Accounts under $10 (6)	27.07	
Superintendent's Dept., truck licenses, $14.50; labour, $5.08; material, $41.11	60.69	
		$ 8,295.73

Botany:		
Research Assistants ($3,465.00):		
M. W. Bannan, 11 mos. (paid also in Department)	$ 610.00	
N. W. Radforth, 10 mos. (paid also in Department)	570.00	
D. H. Hamly, 10 mos. (paid also in Department)	520.00	
G. O. Gopal-ayengar, 3 mos. (paid also in Department)	240.00	
W. R. Watson, 3 mos. (paid also in Department)	240.00	
H. M. Harrison, 3 mos.	210.00	
C. D. McKeen, 3 mos. (paid also in Department)	210.00	
L. T. Richardson, 3 mos. (paid also in Department)	210.00	
Miss V. Facey, 2½ mos.	175.00	
C. N. Haldenby, 2 mos. (paid also in Department)	160.00	
Miss R. H. Moore, 2 mos. (paid also in Department)	140.00	
B. B. Hillary, 1 mo. (paid also in Department)	80.00	
Miss H. Goulding, 1 mo.	60.00	
J. J. Miller, ½ mo.	40.00	
Expenses ($528.77):		
Canadian General Electric Co., filament	12.74	
Central Scientific Co., chemicals, filter paper	114.48	
Eastman Photographic Stores, chemicals, films, plates	61.38	
Free Press Association, reprints	28.83	
J. F. Hartz Co., knives	17.00	
D. W. A. Roberts, 115 hrs., research assistant	40.25	
Royal Canadian Institute, reprints	12.96	
Science Press Printing Co., reprints	12.87	
Torrey Botanical Club, reprints	15.95	
Willington Davidson, apple trees	40.00	
Travelling expenses:		
R. B. Thomson, and staff member	80.45	
Accounts under $10 (9)	42.11	
Superintendent's Dept., labour $28.95; material, $20.80	49.75	
		$ 3,993.77
(b) Medicine:		
Experimental Medical Research:		
W. Cowan, Chief Technical Assistant	$ 1,760.00	
Assistants in Animal Quarters:		
L. Hughes	720.00	
J. Minshull	720.00	
K. J. Sims, at $720 resigned as of 22 March	549.70	
Expenses ($1,988.05):		
Allen Mfg. Co., laundry	81.52	
Connaught Laboratories, heparin	5.10	
Corbett-Cowley Ltd., uniforms, special sheets	28.89	
Cullen & Sons, animals	632.00	
Ingram & Bell Ltd., instruments, gauze, etc.	402.00	
F. Jennings, sawdust	117.00	
Jones Bros. & Co., cable, clipper plates, etc.	17.50	
Ketchum Mfg., Co., tattooing outfits	15.20	
Ralston Purina Co., feed	184.38	
Ross Miller Biscuit Co., dog biscuits	191.84	
Superintendent's Dept., labour, $13.20; material, $299.42	312.62	
	$ 5,737.75	
Less credit from sale of animals	622.20	
	$ 5,115.55	
Charged to Dunlap Bequest $3,000.00		
Charged to Reeve Bequest 1,000.00	4,000.00	
		$ 1,115.55
(c) Applied Science:		
Applied Physics:		
Research Assistants:		
E. L. Dodington (paid also in Department and in Special Research, Surveying)	$ 450.00	
W. A. Mohun (paid also in Department)	350.00	
D. H. Hamly (paid also in Department)	175.00	

Expenses ($11.48):		
Canadian SKF Co., bearings	$ 6.62	
Electric Products Co., transformer	4.86	
Architecture:		
V. B. Blake, Research Assistant, 1¾ mos.	175.00	
Chemical Engineering:		
Research Assistants:		
M. Adelman, 4 mos. (paid also in Department)	600.00	
J. G. Breckenridge, 3 mos. (paid also in Department)	450.00	
B. Marks, 2 mos. (paid also in Department)	350.00	
L. J. Rubin, 2 mos. (paid also in Department)	350.00	
J. O. Thompson, 2 mos. (paid also in Department)	350.00	
W. G. MacElhinney (paid also in Department)	300.00	
R. G. Billinghurst, 2 mos. (paid also in Department)	250.00	
E. B. Trickey, 2 mos. (paid also in Department)	250.00	
E. T. Williams, 2 mos. (paid also in Department)	250.00	
A. S. Weatherburn, 2 mos.	250.00	
Expenses ($13.02):		
Railway and Engineering Specialties Ltd., chemicals	13.02	
Civil Engineering, Surveying and Geodesy:		
Research Assistants:		
L. E. Jones, 2 mos. (paid also in Department)	300.00	
T. L. Rowe, 2 mos. (paid also in Department)	300.00	
E. L. Dodington, 2 mos. (paid also in Applied Physics)	240.00	
Mechanician:		
H. V. Steer, 4 mos. (paid also in Department)	550.00	
Electrical Engineering:		
R. G. Anthes, Research Assistant, 5 mos. (paid also in Department)	625.00	
Expenses ($99.82):		
Ontario Research Foundation, castings	95.50	
Worr Foundry Co., castings	4.32	
Mechanical Engineering:		
Research Assistants:		
I. W. Smith, 4 mos. (paid also in Department)	660.00	
W. A. Wallace, 2 mos. (paid also in Department)	330.00	
Expenses ($116.83):		
Canadian Laboratory Supplies, tubing, bulbs, etc.	21.96	
Central Scientific Co., rheostat	23.72	
Coulter Copper & Brass Co., exhaust pipe	25.00	
W. R. McKee, installing standard cell	20.00	
Accounts under $10 (6)	26.15	
Printing Bulletins, etc. ($540.74):		
American Society of Mechanical Engineers, reprints	24.50	
Miss D. Birkett, special Secretarial work	50.00	
Canadian Ceramic Society, reprints	10.85	
University Press, printing and binding	453.08	
Superintendent's Dept., freight	2.31	
	$ 8,336.89	
Charged to Wallberg Bequest	8,336.89	
		$ .....
(d) Dentistry:		
H. K. Box, Research Professor, Periodontology (half-time)	$ 3,000.00	
A. F. Fenton, Laboratory Technician, Periodontology	1,500.00	
		$ 4,500.00
		$ 17,905.05

150. Banting and Best Research

(a) Banting Research:		
Sir Frederick Banting, Professor of Research in Medicine, at $5,000; 8 mos. at half salary, less $1,250 voluntarily refunded by Sir Frederick due to Military duties; ob. 21 February; balance of salary to 30 June, at full rate paid to widow	$ 2,083.33	

Research Professors:	
G. E. Hall, also in charge of Department; at $5,000; on war service from 1 October; $2,200.03 less $564.25 refunded from Army pay	$ 1,635.78
H. C. Bazett, 5 mos. at $8,000; 3 mos. payable in United States funds	3,480.00
Associate Professors:	
W. R. Franks	3,700.00
D. A. Irwin	3,600.00
C. C. Lucas, in charge of Department from February to June	3,400.00
Research Associates:	
J. E. Goodwin	2,800.00
Miss S. Gairns, resigned 30 June	2,160.00
H. G. Armstrong	1,200.00
A. C. Burton, 3 mos. at $240 per mo; (transferred to Special Funds)	720.00
J. A. Kitching, 1 mo. (paid also from Special Funds)	200.00
Research Assistants:	
J. M. R. Beveridge, 12 mos	1,500.00
C. Von Seeman, 12 mos	1,500.00
Miss M. M. Shaw, 12 mos	1,320.00
J. C. Sowden, 12 mos	1,250.00
C. Marchant, 12 mos	1,200.00
N. R. Stephenson, 12 mos	1,200.00
F. E. Chase, 12 mos	1,020.00
J. B. Bateman, 10 mos	1,500.00
D. W. Lougheed, 10 mos. (paid also from Special Funds)	530.00
S. F. Macdonald, 6 mos. at $130 per mo; resigned	780.00
J. G. Dewan (Sessional, part-time; paid also from Special Funds)	500.00
Miss J. M. Lang, 3 mos. at $1,500 (transferred to Special Funds)	375.00
L. B. Macpherson, at $1,500; on war service from July	250.00
G. A. Meek, 3 mos. (paid also from Special Funds)	270.00
J. Stern, 3 mos. (paid also from Special Funds)	240.00
G. J. Millar, 3 mos. (paid also from Special Funds)	225.00
C. Collins-Williams, 3 mos. (paid also from Special Funds)	140.00
F. Smith, 1 mo; resigned	100.00
R. Bain, 1 mo. (transferred to Special Funds)	86.66
D. O'Connell, ½ mo	50.00
Research Fellows:	
C. McArthur, 12 mos	1,500.00
Miss E. Melrose, 6 mos. at $95.00 per mo; 6 mos. at $110.00 per mo	1,230.00
D. W. Best, 3 mos. at $900; resigned	225.00
H. McAlpine, 2 mos. at $1,200; resigned	200.00
C. G. McEachern, 2 mos	200.00
Miss D. B. Mundell, without salary	.....
Assistants:	
Miss M. E. Wheatley	960.00
Miss H. M. Brock	840.00
Miss E. Speers, 6 2/3 weeks at $15 per week; 8 mos. at $70 per mo	660.00
T. G. Lennox, 5 1/3 weeks at $11 per week; 6 mos. at $50 per mo	358.66
Miss E. White, 30 weeks, 1 day, at $12 per week	362.00
G. R. McDougall, 6 weeks, 1 day, at $14 per week	86.33
E. B. Cahoon, 1 mo	70.00
C. F. Sears, 1 mo	70.00
A. T. Stringer, Electrical Technician, at $1,380; on war service	.....
Technicians:	
L. C. Brock, at $1,440; on war service; contribution to Pension Fund	39.60
H. M. Douglas	1,260.00
J. E. Walker, at $1,200; on leave of absence without salary from 1 January	600.00
G. Parkes	960.00

D. Snow	$ 840.00
A. Arcari, 12 mos.	780.00
H. Rudney, 10 mos.	600.00
S. Smith, 3 mos. (transferred to Special Funds)	195.00
Miss N. Davy, 2 mos.	110.00
W. J. Watson, 1 mo.	65.00
Assistant in Animal Quarters:	
R. Levens, on War service	.....
G. Johnston, 9 mos. resigned	585.00
Mrs. Alison Moffitt, Laboratory Attendant	720.00
Miss M. J. Millar, Secretarial Assistant	1,080.00
	$53,612.36
Expenses ($8,900.85):	
Aikenhead Hardware, hardware, tools, etc.	$ 23.32
Allen Mfg. Co., laundry	212.42
Aluminum Co. of Canada, sheets, wire, etc.	30.77
Aluminum Goods, weather moulds, etc.	36.07
Ayerst, McKenna & Harrison, analysis, reprints	72.00
British Drug Houses, chemicals	17.14
Cambridge University Press, reprints	24.90
Canadian General Electric Co., bulbs, tubes, batteries	103.17
Carswell Co., binding	38.23
Central Scientific Co., glassware, chemicals, filter paper, etc.	752.66
R. H. Chappell, glass blowing	44.40
Clatworthy & Sons, moulds and papier mache forms	172.50
Corbett-Cowley, uniforms	67.08
E. Cullen & Sons, animals	497.00
Cutting Ltd., paper	34.20
C. E. Downs, 57 hours, technician	42.75
Dunlop Tire & Rubber Co., moulds, castings, aviation suits, etc.	644.11
Eastman Kodak Co., acids, chemicals	49.42
Eastman Photographic Stores, films, bulbs, plates, etc.	33.09
T. Eaton Co., chemicals, crocks, hose, etc.	124.06
Ellis Howard Ltd., battery charger	87.11
Flash Fasteners of Canada, fasteners	61.90
A. Freeman & Son, patterns	77.76
Frigidaire Division of General Motors, repairs to delcomotor	14.75
Grand & Toy, numbering machine, clips, paper, etc.	26.50
Gutta Percha and Rubber Ltd., rubber suits, boots and rubbers	317.89
J. F. Hartz & Co., chemicals, bottles	11.60
E. Hookway Glass Works, tubes	12.00
Ingram & Bell, medical supplies	198.88
Insulin Committee, animals	52.00
Journal of Biographical Chemistry, books, reprints	31.68
Kelly Feed and Seed Co., feed	39.42
Liquid Carbonic Canadian Corp., dry ice	10.50
F. Longdon & Co., elastic, lastex, surgical materials, etc.	114.85
John McGillian, carrots	114.00
Mallinckrodt Chemical Works, chemicals, mercury	58.67
Maple Leaf Milling Co., feed	132.13
C. V. Mosby Co., reprints	29.53
Mountain Sanitarium, animals	95.00
H. Norris, animals	123.75
Office Specialty Mfg. Co., cards, stationery	26.46
Ontario Agricultural College, hens	165.60
Postage	30.12
Ralston Purina Co., feed	881.11
Riseborough & Jackson, feed	72.98
Robbins & Townsend, inspection and ribbons	10.85
Rudel Machinery Co., Weltonia Timer	54.00
A. Schrader & Sons, valves, hose, etc.	143.11
Arthur H. Thomas Co., burette	11.19
E. W. Todd, care and feeding of animals	52.40
Viceroy Mfg. Co., rubber coverings, clipping moulds in latex	257.85
Marie L. Von Sumar, translations, typing, etc.	50.00
S. S. White Co., oxygen, nitrogen	17.54
Wholesale Radio Co., radio parts	148.65
York Knitting Mills, fabric, underwear, socks, etc.	96.87

University Press, printing, stationery		$ 172.41
Accounts under $10 (32)		155.86
Travelling Expenses:		
A. C. Burton		16.17
J. E. Goodwin		16.17
D. A. Irwin		81.03
Sundry disbursements by department:		
Hardware and gasoline, $6.61; telephones and telegrams, $28.20; stationery and drugs, $14.35; sundry items under $1.00—$55.84		105.00
Superintendent's Dept., telephones, $40.34; freight, $98.46; labour, $128.51; material, $368.08		635.39
Contribution to pension funds		1,070.88
		$62,513.21
Credited from Banting Research Foundation	$16,000.00	
Ontario Mining Association	4,000.00	
Rockefeller Foundation—Psychiatry	10,000.00	
Josiah Macy, Jr. Foundation	1,649.25	
Medical Research Best	2,500.00	
Charged to Insulin Committee Grant	20,863.96	
		$55,013.21
		$ 7,500.00

(b) Best Research:

C. H. Best, Research Associate, (paid also in Physiology and Connaught Laboratories)	2,500.00
Physiology:	
J. Campbell, Jr., Research Associate (paid also in Physiology)	600.00
E. Fidlar, Lecturer and Research Associate (paid also in Physiology)	100.00
Research Assistants:	
D. F. Pen, 12 mos.	680.00
Mrs. Jeanne Manery Fisher, 3½ mos. (paid also in Physiology)	432.50
J. W. Scott, 4 mos.	320.00
E. A. Ryan, 3½ mos.	310.00
Miss J. I. Hamilton, 2 mos.	200.00
F. J. W. Roughton, temporary Special Lecturer	75.00
W. D. Flatt, Fellow (Sessional, paid also in Anatomy)	200.00
F. L. Robinson, Head Technician (paid also in Physiology)	500.00
Technical Assistants:	
C. Scattergood, at $875; on war service from December	519.55
R. Newport, 12 mos.	939.00
Mrs. J. M. D. Williamson, 12 mos.	782.50
Miss N. R. Hearn, 9 mos., 1 week	465.94
D. A. Stainsby, 9 mos., 1 week	465.94
J. C. Howard, 12 mos. (paid also in Physiology)	457.84
E. C. Anderson, 6 mos., 1 week	408.90
H. V. Swift, 17 weeks, 1 day at $16 per week	274.67
A. Greig, ½ mo.	30.00
Miss D. Secord, Secretarial Assistant (paid also in Physiology)	100.00
Physiological Hygiene:	
Research Associates:	
D. Y. Solandt (paid also in Physiology and School of Hygiene)	300.00
Mrs. Ruth C. Partridge, 2 mos. (paid also in School of Hygiene)	150.00
Miss J. H. Ridout (paid from Special Funds in Connaught Laboratories) 6 mos. contribution to T.I. & A.A.	11.28
Mrs. Elizabeth W. Rutherford, Research Assistant, 4 mos.	400.00
Technical Assistants:	
C. R. Cowan, Senior (paid also in School of Hygiene)	700.00
J. Scattergood, at $1,150; on War service; contribution to Pension fund	31.65
K. Roseblade, 12 mos.	1,050.00
Miss A. Jaffray, 12 mos.	875.00

P. Prosser, 12 mos.	$ 780.00
J. G. Truax, at $1,100 (transferred from 1 January to Connaught Laboratories)	550.00
Miss M. Linton, at $780 (transferred from 1 January to Connaught Laboratories)	390.00
F. Shearer, 15 weeks, 4 days at $20 per week	313.33
G. Loewi, 4 mos. at $15.40 per week	272.05
C. Parker, 1 week	18.00
Miss M. Luxton (paid from Special Funds in Connaught Laboratories) 6 mos. contribution to Pension fund	12.37
Miss M. E. Hocking (paid from Special Funds in Connaught Laboratories) 6 mos. contribution to Pension fund	12.00
Secretarial Assistant:	
Miss K. M. Doak, 5 mos. at $15 per week	332.50
Miss M. Wilkinson, 4 mos. at $85 per mo.	340.00
	$16,900.02
Expenses ($11,333.35):	
Aikenhead Hardware, hardware	163.06
Bausch & Lomb Optical Co., microscopes, bulbs, etc.	485.25
Bay Salvage Co., files, furniture, etc.	30.00
Breeding and Laboratory Institute, rats	77.98
British Drug Houses, casein, gelatine	53.33
Burlec Ltd., transformer	197.00
Canada Packers, meat, glands, etc.	159.50
Canadian Astatic Ltd., cartridge	25.77
Canadian Fairbanks Morse Co., disc, hose couplings	18.92
Canadian General Electric Co., engine base	58.48
Canadian Medical Association, reprints	33.68
Canadian Pacific Railway Co., telegrams	54.59
Canadian Tire Corp., batteries	31 69
Central Scientific Co., chemicals, glassware, etc.	1,370.89
Connaught Laboratories, chemicals, filters, etc.	1,618.10
Joseph Cooper, meats	357.18
Corning Glass Works, pipometer	48.45
E. Cullen and Sons, animals	1,643.35
Eastman Kodak Co., chemicals, filter, paper, etc.	143.59
Ferranti Electric Co., screen cathodes, tubes, etc.	65.33
J. A. Fontaine, frogs	84.00
Hart House, rooms and meals	17.51
Ingram & Bell, medical supplies	199.37
Kelley Feed and Seed Co., feed	237.10
K. Kerns, telephone calls	27.42
Eli Lilly Corp., chemicals	23.03
New England Journal of Medicine, reprints	24.20
Ocean Chemicals, fumigating	160.00
Postage	50.00
Rainbow Lantern Slide Co., slides	10.05
Robbins & Townsend, typewriter maintenance	13.20
F. J. W. Roughton, honorarium for lectures	65.00
Spencer Lens Co., microtome knife	17.24
Tordoff Electric Co., motors, repairs to drill	35.50
Underwood Elliott Fisher, noiseless portable typewriter, $75, less allowance $25 on old machine	50.00
University of Manitoba Press, reprints	16.83
Wholesale Radio Co., electric fans	56.40
University Press, printing and stationery	289.50
Accounts under $10 (23)	130.05
Travelling Expenses:	
C. H. Best	619.66
C. R. Cowan	288.19
H. Dam	66.88
R. E. Haist	56.75
D. Y. Solandt	607.65
N. B. Taylor	98.53
D. A. Waters	131.50
Sundry disbursements by department:	
Photographic materials, $21.41; supplies, $8.83; Postage, $7.40; hardware, $3.95; telephones and stationery, $1.90; sundries, $31.51	75.00

Superintendent's Dept., freight, $89.37; labour, $331.38; material, $496.52	$ 917.27	
Contribution to Pension funds	329.38	
	$28,233.37	
Charged to Insulin Committee Grant	25,733.37	
	$ 2,500.00	
		$ 10,000.00
		$ 27,905.05

APPENDIX III.

University Press

Ledger Balances (net) as at 30th June, 1940:	
Contingent Reserve Account	$ 7,246.08
Surplus Account	17,563.36
	$ 24,809.44

Transactions for the year ending 30th June, 1941

Receipts from the Press, Book Department and Publications		$266,069.97	
Expenditures (including Plant purchased, and charged to Reserve Account) at credit 30th June, 1941	$252,876.42		
Grant to Alumni Federation of University of Toronto	1,175.00		
		$254,051.42	
			$ 12,018.55
			$ 36,827.99

Note

The above figures cover the accounts passing through the Bursar's Office. Supplementary thereto the Manager of the Press had on hand on the 30th June, 1941, as shown by his records, Inventories, etc. (including Work in Progress) $41,444.04; Accounts Receivable (less reserve) $14,422.76; less sundry liabilities (net) $5,484.26; making with the above cash balance of $36,827.99, a total surplus over Liabilities of $92,871.65.

Details of Expenditure

Salaries and wages ($97,067.10):	
A. Gordon Burns, Manager (paid also $10 for Extension Work) 12 mos.	$ 4,600.00
Miss E. M. Walker, Secretary, 12 mos.	2,025.00
Assistants, each 12 mos:	
Miss E. Baguley	1,425.00
Miss I. E. McTaggart	1,425.00
Clerks:	
Mrs. Florence Friendship, 12 mos.	1,100.00
Miss M. Storey, 12 mos.	1,075.00
Miss A. Mullowney, 12 mos.	1,075.00
Miss R. Buchan, 12 mos.	1,025.00
Miss E. Wilson, 12 mos.	1,000.00
Miss C. Carroll, 12 mos.	950.00
Miss R. Mitchell, 12 mos.	875.00
Miss I. Westwood, at $1,125; resigned 31 October	375.00
Miss E. Brown, 2½ mos. at $925; resigned	196.44
Miss I. Potter, Stenographer, 12 mos.	1,025.00
George Edwards, Caretaker, 12 mos.	1,575.00
Pay lists, wages of employees	77,320.66
Editorial Services ($3,800.00):	
Mrs. Alison Hewitt, General Editor, 12 mos.	1,950.00
V. W. Bladen	375.00
A. Brady	100.00
E. K. Brown	200.00
G. W. Brown	450.00
G. P. de T. Glazebrook	150.00
W. P. M. Kennedy	250.00

Miss J. McKee	$ 25.00
R. G. Robertson	100.00
A. S. P. Woodhouse	200.00
Payments to contributors to publications	682.85
Payments of royalties and returns from sales	9,957.12
Supplies and General operating expenses ($114,475.26):	
Acco Canadian Co., binders, covers	171.59
Aikenhead Hardware Co., hardware	52.90
Alexander & Cable Co., engraving	126.50
H. E. Allen Bros., stationery	122.00
Art Metropole, drafting instruments	230.93
Baker Ashdown Ltd., halftones, zinc	589.27
D. A. Balfour Co., carbon, ink	44.40
Barber-Ellis (Canada) Ltd., stationery	2,805.77
Blackhall & Co., binding	63.71
Border-Brokers Ltd., brokerage, duty, etc.	4,577.24
Bostitch Ltd., staplers, staples	149.00
R. Bourne & Son, covers	115.50
Brigdens Ltd., engraving, halftones, etc.	526.89
J. R. Brooks, music paper	44.00
Brown Bros., stationery	4,138.75
Buntin Gillies & Co., paper	27.47
Buntin Reid Co., paper	697.56
Burroughs Adding Machine Co., rental, ribbons	29.40
Chas. Bush Ltd., ink, paper	935.40
Canada Carbon & Ribbon, carbons, ribbons	229.35
Canada Metal Co., metal	1,429.62
Canada Paper Wholesale Ltd., paper	134.32
Canadian Linotype Co., repairs	51.76
Canadian National Railway Co., telegrams	72.55
Canadian Pacific Railway, telegrams	54.33
Canadian Silk Mfg. Co., towel service	92.22
Bernard Cairns Ltd., stamps	30.58
Carbon Paper Service Bureau, carbon paper	102.66
Eugene E. Carroll, grinding knives	31.75
Carroll's Canadian Metals, locks, screws, etc.	80.44
Central Scientific Co., instruments, etc.	171.73
Cooper & Beatty Ltd., ink, type	294.87
Cornish & Wimpenny, metals	112.96
Delaney & Pettit Ltd., glue	156.44
W. R. D'Eye Paper Pads, pads	29.57
Walter Dickinson & Co., stationery	807.92
Dixon Pencil Co., pencils	111.19
Dominion Blank Book Co., covers, notebooks	310.97
Dominion Envelope Co., envelopes	141.75
Dominion Paper Box Co., filing boxes	330.81
Eagle Pencil Co., pencils	149.31
Eaton-Crane and Pike, paper	41.47
T. Eaton Co.	32.65
Eclipse Fountain Pen & Pencil Co., pencils, pens	26.05
E. B. Eddy Co., paper	5,230.18
Elliott-Addressing Machine Co., stencils, etc.	33.05
W. J. Gage & Co., stationery	2,963.93
D. Gestetner Ltd., ink, stencils, etc.	77.20
Grand & Toy Ltd., stationery	37.11
Graphic Engravers Ltd., etchings, halftones, etc.	1,496.70
Miss F. C. Hahn, mimeographing	54.85
Fred W. Halls Paper Co., paper	309.33
T. H. Hancock Lumber, boxes	98.41
G. A. Hardie & Co., material	28.42
W. E. Hardman Co., paper ruling	114.25
Henderson Bros., paper ruling	374.75
C. H. Johnson & Son, cartage	420.00
Keuffel & Esser Co., rules	260.11
Lackie Mfg. Co., crests, pins, etc.	167.47
The Levis, wipers	41.67
Lithographers & Printers, lithographing	156.00
Miss C. G. Livingstone, mimeographing	421.25
Luckett-Loose Leaf Ltd., covers, stationery, etc.	1,624.25
Meredith Simmons & Co., paste	25.65
Mono-Lino Typesetting, labels	45.00

Monotype Co. of Canada, parts, etc.	$ 360.98
Moore Type Foundry Ltd., metal	42.87
Moyer School Supplies, maps, etc.	43.97
National Envel-O-Print Co., envelopes	579.55
Nichols Advertisers Ltd., pads	61.08
Office Specialty Mfg. Co., cabinets, guides, etc.	30.06
O. J.Ouellette Co., keyboard paper	394.09
Parker Fountain Pen Co., pencils, pens, repairs	428.11
R. A. Phillips Ltd., crests, pennants, etc.	137.77
Photo Engravers and Electrotypers Ltd., engraving, halftones, zinc, etc.	946.05
Provincial Paper Ltd., paper	15,726.81
Raine Engraving Co., dies, rules, etc.	84.78
Ratcliffe Paper Co., paper, tape, etc.	50.17
Reliance Engravers, halftones, zinc, etc.	988.67
Remington Rand, portable machines	68.75
Robbins & Townsend, carbon, rebuilt machine, etc.	238.95
Ryerson Press, binders, book pockets, etc.	65.36
Savoy & Sons Ltd., stationery	236.40
Service Linotyping Co., typesetting	50.95
W. A. Sheaffer Pen Co., pens, service, etc.	57.00
Simmonds Canada Saw Co., grinding knives	105.29
Howard Smith Paper Co., paper	1,747.81
Standard Embossing Co., embossing	299.08
Stephens Sales Ltd., stencils	233.25
Strathmore Press, plates, etc.	36.00
Toronto Envelope Co., envelopes	295.09
Toronto Graphic Arts Association, dues, etc.	631.84
Toronto-St. Catharines Transport, cartage	158.47
Toronto Type Foundry Co., brushes, type, etc.	140.30
Townsley-Printers Supply & Machine Co., parts, etc.	78.73
Underwood-Elliott-Fisher, supplies	46.03
United Paper Mills, paper	4,291.55
Universal Thread Co., thread	34.35
Victoria Paper & Twine Co., paper, tape, etc.	512.11
Visible Records Ltd., rules	31.56
Wahl Co., pencils, service, etc.	31.72
L. E. Waterman Co., ink, service, etc.	380.18
Whyte-Hook Paper Co., buckram, paper	280.18
Wilson-Munroe Co., millboard, paper, etc.	1,109.18
York Electrotypers, electros	47.53
Books, etc.:	
Thos. Allen Ltd.	79.27
American Chemical Society	57.10
American Council in Education	28.60
American Institute of Steel Construction	126.25
American Library Association	216.28
American Medical Association	167.96
American Psychological Association	37.76
American Public Health Association	37.84
Animated Fusion Training Chart Co.	37.30
Annual Reviews	52.20
D. Appleton-Century Co.	395.66
Barnes & Noble	437.32
Blakiston Co.	219.60
Bureau of Publications	57.20
Canadian Dental Research Foundation	30.40
Canadian Geographical Association	124.00
Canadian Nurses Association	56.38
Canadian Pharmaceutical Association	105.00
Canadian Political Science Association	75.80
Carswell Co.	157.24
Cassell & Co.	86.86
W. & R. Chambers	88.42
Chapman & Hall	58.54
Chemical Rubber Co.	396.35
J. A. Churchill	265.00
Clarke, Irwin Co.	2,185.03
Wm. Collins Sons & Co.	46.52
Columbia University Press	65.45
Commonwealth Fund	105.21

Copp Clark Co.	$ 2,163.96
Wm. Dawson Subscription Service	151.84
J. M. Dent & Son	442.14
Devin-Adair Co.	48.42
Dodd Mead & Co.	313.91
Farrar & Rinehart	64.22
Forest Press	290.48
French & European Publications	101.25
W. J. Gage & Co.	508.62
General Publishing Co.	127.03
Ginn & Co.	828.65
Granger Freres	63.10
Harcourt Brace & Co.	334.89
Harper Bros.	443.87
Harvard University Press	218.81
Harvard University Graduate School	42.12
Geo. M. Hendry	40.30
Henry Holt & Co.	168.00
His Majesty's Stationery Office	245.68
Houghton Mifflin Co.	323.42
International Correspondence Schools	207.09
Daniel Levy	42.00
H. K. Lewis & Co.	59.41
Life Underwriters' Association of Canada	30.40
J. B. Lippincott & Co.	106.34
Long Island Biological Association	32.46
Longman's Green & Co.	1,459.11
J. B. Lyon Co.	33.60
McAinsh & Co.	3,240.83
McClelland & Stewart	429.39
McGraw-Hill Book Co.	3,346.37
George J. McLeod	109.93
MacMillan Company	5,633.07
Medico Dental Publishing Co.	75.54
Musson Book Co.	234.99
National Education Association	44.62
Thos. Nelson & Sons	630.65
Thos. E. Obrig	51.00
Oxford University Press	85.13
Geo. Philip & Son	58.76
Sir Isaac Pitman & Son	904.85
Prentice Hall Inc.	257.48
Princeton University Press	33.21
Receiver General of Canada	523.23
Reinhold Publishing Corporation	99.50
Ronald Press	140.46
Ryerson Press	519.62
S. J. Reginald Saunders	85.73
Science Press Printing Co.	40.30
Chas. Scribner's Sons	72.76
Simpkins Marshall Ltd.	1,033.25
Smiths & Bonelli	66.50
C. K. Smoley & Sons	60.99
South-Western Publishing Co.	44.56
Stanford University Press	48.94
G. E. Stechert & Co.	130.47
Superintendent of Documents, Washington	215.00
Chas. C. Thomas	30.06
Twentieth Century Fund	72.42
Otto Ulbrich Co.	36.15
University of Chicago Press	676.55
University of Minnesota Press	26.83
University Prints	158.20
D. Van Nostrand Co.	493.12
George Wahr	25.96
B. Westerman Co.	51.92
Bishop N. C. White	30.00
John Wiley & Son	2,450.81
Williams & Wilkins Co.	9,176.59
H. W. Wilson Co.	214.05
World Book Co.	67.48

Accounts under $25 (380)	$ 2,316.31	
Sundry purchases, second hand books	206.27	
A. G. Burns, Manager, travelling expenses	19.10	
Microscopes	6,838.93	
Advertising, $1,147.64; postage and excise $3,208.55; bank charges and exchange $2,296.47; cleaning, $159.75; freight, express and cartage, $273.31; meals for night work, $131.50; sundries, $181.00	7,398.22	
Heat, $1,177.33; electric current, $1,023.40; gas, $320.02; telephone, $369.00; water, $128.58	3,018.33	
Superintendent's Dept., labour, $566.15; material, $546.61	1,112.76	
Collector of Customs and Excise, sales tax	7,548.43	
Interest charged on debit balances	59.25	
Contribution to Employees Pensions Account	899.07	
		$252,876.42

APPENDIX IV.

Superintendent's Stores and Sundry Labour Account

Ledger Balance, 30 June, 1940		$ 11,077.55
Purchases made during 1940-41:		
Advance Glass & Mirror Co., glass	$ 171.65	
Aikenhead Hardware Ltd., hardware	2,765.23	
Aluminum Co. of Canada, sheets, etc.	92.07	
Alwyn Lighting Products, electricians supplies	1,933.37	
Anaconda American Brass, rods, etc.	47.82	
Armstrong Cork & Insulation Co., cork board, etc.	193.14	
Armstrong Door Co., sashes	42.05	
Asbestos Building Supply Co., roofing	57.15	
Associated Chemical Co., brushes, chemicals	376.27	
Baines & David, steel plates	277.71	
Beardmore & Co., leather belting, etc.	41.41	
Beatty Bros. Ltd., duplex pressure system	73.00	
Beldam's Asbestos Packing Ltd., graphite, paint, etc.	73.74	
Bennett & Wright, plumbers supplies	240.55	
Berry Bros., paints, varnishes	362.55	
Black & Decker Mfg. Co., electric tools	309.22	
Boake Manufacturing Co., lumber	347.25	
Boeckh & Co., brushes, paint	130.21	
Boiler Furnace & Stove Parts, incinerator, etc.	44.75	
Brooks Marble & Tile Co., tile repairs	1,119.49	
Builders Supplies, Ltd., stone, gravel, lime	171.40	
Building Partners, cylinders	25.81	
Robt. Bury & Co., lumber	1,393.41	
Bernard Cairns, stamps, etc.	42.38	
Canada Building Materials, cement, plaster, etc.	187.02	
Canada Hardware Ltd., locks, keys	52.52	
Canada Metal Co., solder, lead, etc.	426.08	
Canada Wire & Cable Co., cables, wire	372.89	
Canadian Asbestos Ltd., asbestos, packing, etc.	222.40	
Canadian Blower & Forge Co., fans	272.85	
Canadian Charts & Supplies, charts	26.47	
Canadian Chromalox Co., heaters	29.59	
Canadian Durex Abrasives Ltd., sand paper, etc.	43.70	
Canadian Fairbanks-Morse Co., tires, scales	160.54	
Canadian General Electric Co., electricians supplies	3,149.65	
Canadian Germicide Co., soap dispensers, towels	289.58	
Canadian Ice Machine Co., cooler, repairs, etc.	760.84	
Canadian Industrial Alcohol, alcohol	77.59	
Canadian Industries Ltd., chemicals, paints, etc.	1,534.37	
Canadian Ingersoll Rand Co., valves	107.50	
Canadian Johns-Manville Co., asbestos, cement, etc.	285.32	
Canadian John Wood Co., tank	40.68	
Canadian Mill Supply Co., sheets	27.60	
Canadian National Carbon Co., brushes, carbon	117.31	
Canadian National Exhibition, rental of lights, etc.	31.67	
Canadian National Institute for the Blind, brushes, brooms, etc.	236.55	
Canadian Powers Regulator Co., repairs	38.28	
Canadian SKF Co., bearings	96.23	
Canadian Sirocco Co., electrical supplies	934.57	

Canadian Tire Corporation, batteries, tubes, etc.	$ 29.32
Canadian Westinghouse Co., refrigerators, irons, radios, etc.	1,446.58
Casselman Co., cheesecloth, cotton, etc.	57.22
Central Scientific Co., glassware, etc.	143.94
Chadwick Electric Co., electricians supplies	43.79
Colgate-Palmolive-Peet Co., soap	546.48
Colling Tire Shop, casings	278.66
Commercial Lithograph Co., lithographing	36.50
Community Electrical Supply, electricians supplies	633.86
Compressed Air Equipment, rental of compressor	25.00
Consolidated Plate Glass Co., glass	605.76
Continental Can Co., cans, pails	119.24
Cooksville Co., tiles	121.35
Cooper Bros. & Wilson, instrument panel	30.24
Corbett-Cowley Ltd., uniforms	380.20
Corning Glass Works, illuminating shades	504.85
Crain Printers Ltd., stationery	210.62
Crane Limited, plumbers supplies	2,239.76
Crown Diamond Paint Co., paint, white lead	279.55
W. H. Cunningham & Hill, plumbers supplies	406.91
Currie Products Limited, roofing	266.73
Darnell Corporation of Canada, casters	70.14
Dean Bros., castings, etc.	31.05
Diamond Cleanser & Soaps Limited, cleansers, soaps	906.60
W. E. Dillon & Co., steel grilles	59.52
Henry Disston & Sons, tools	147.35
Dominion Bridge Co., angles, plates	270.07
Dominion Carbon Brush Co., brushes	133.22
Dominion Caulking Co., caulking	30.00
Dominion Linseed Oil Co., oil	1,010.47
Dominion Oxygen Co.	309.77
Dominion Steeplejack Co., rental of boiler	37.00
Downing & Co., fuses	766.26
Drummond, McColl & Co., steel	105.58
C. A. Dunham & Co., plumbers supplies	410.09
T. Eaton Co., blankets, towels, etc.	405.86
Ellis and Howard, batteries, bulbs	181.84
Empire Brass Mfg. Co., plumbers supplies	444.18
Engineering Equipment Co., enamel	198.00
Ennis Wonder Polish Co., polish	41.80
Evans & Co., chamois	94.40
Exide Batteries of Canada, batteries	48.69
Fairbank Lumber & Coal Co., lumber	27.93
E. B. Fielding & Co., turpentine	707.10
Thos. Firth & John Brown Ltd., stainless steel	968.38
Fitzgerald-Meavoy Wire Goods, baskets, screens	139.73
E. T. Flanagan, cellophane	38.00
Garage Supply Co., batteries	84.96
General Dry Batteries of Canada, batteries	227.78
General Motors Sales Corporation, service	75.57
General Steel Wares Limited, baskets, cans, pails	307.91
Good Specialties Limited, hardware	165.52
Gooderham and Worts Limited, alcohol	11,902.29
Gordon Sponge & Chamois Co., sponges	168.14
B. Greening Wire Co., screens, etc.	139.02
Grinnell Co., plumbers supplies	2,353.72
A. Guinness & Co., paper napkins, tray covers	54.33
Gutta Percha and Rubber Co., couplings, hose, treads, etc.	551.47
Hamilton Carhartt Mfg., overalls	62.18
Hamilton Gear & Machine Co., worm reducer	49.68
Joe Hampson, concrete, sand	63.75
Harpham Bros., casings	159.74
W. Harris & Co., glue	58.32
Geo. H. Hees & Son, cord	65.81
James W. Hewitt & Sons, building pit	150.00
The Hoover Co., cleaner	83.72
Hudson Plumbing Supplies	104.31
Huntington Laboratories Ltd., seal-O-san	113.67
Hydro-Electric Power Commission, bulbs, etc.	3,794.90
Imperial Oil Ltd., oil, wax	164.36
Imperial Varnish & Color Co., enamel, paint	229.16

John Inglis & Co., garbage burner, grates, etc.	$ 409.68
Interlake Tissue Mills, towels	247.50
Johnson Temperature Regulating Co., thermostats	165.34
Geo. Keith & Sons, rye, seed	391.35
Kennedy Mfg. Co., chemicals	27.51
Kilgours Ltd., plates, towe's, etc.	4,496.94
La France Fire Engine & Foamite Ltd., extinguishers	303.10
R. Laidlaw Lumber Co., lumber	71.50
John Leckie Ltd., cotton, flags, hardware	92.33
Arthur S. Leitch & Co., plumbers supplies	78.40
The Levis, cleaning compound	165.24
Linde Canadian Refrigeration Co., repairs	202.48
Livingston Stoker Co., stoker, pins, etc.	561.01
Lowe Bros. Co., paint	128.13
Lundy Fence Co., fence, chain links, etc.	287.76
McBain Foundry, castings	122.98
MacCallum Mfg. Co., floor-kleen	243.00
McColl-Frontenac Oil Co., oil and grease	571.18
S. McCord & Co., cement, concrete	77.50
McDermid Bros. Ltd., tinsmiths supplies	301.33
MacDonald Mfg. Co., wax pails	43.68
McIntyre & Taylor Ltd., drains, grates	28.06
Alex McKay & Co., builders supplies	46.48
Mallinckrodt Chemical Works	87.12
Masco Co., electricians supplies	3,513.16
Mason Regulator Co., valves	48.60
Merck & Co., chemicals	491.26
A. Middleton & Co., paints, etc.	519.20
Minneapolis-Honeywell Regulator Co., switches, valves, etc.	210.60
W. & J. Mitchell, luggage tags	78.40
Modern Machine Works, gaskets, valves	29.19
Moffats Ltd., burners, stoves, etc.	666.86
Moloney Electric Co., transformer	38.25
Monarch Belting Co., belting	91.35
Benjamin Moore & Co., paint	132.91
James Morrison Brass Mfg. Co., plumbers supplies	1,681.43
Mount Royal Metal Co., lead	39.38
Moyer School Supplies, blackboards, chalk, etc.	65.60
A. Muirhead & Co., paint, shellac	325.14
Mundet Cork & Insulation Ltd., insulation	1,071.86
Alexander Murray & Co., fibregum	118.05
National Drug & Chemical Co., chemicals	252.28
National Grocers Co., cleanser, matches, etc.	172.96
John Nelson & Son, ceiling repairs	453.25
New Sanitary Wiper & Waste Co., cheesecloth	442.20
Nichols Chemical Co., chemicals	98.24
Northern Electric Co., electricians supplies	480.16
O-Cedar of Canada, mops, polish	92.34
Office Specialty Mfg. Co., cabinets	103.55
Pacific Mills Ltd., paper	888.00
Pannill Door Co., lumber	58.64
Peckover's Ltd., steel	1,566.41
Pilkington Bros., paint, varnish	1,866.71
Planet Bicycle Co., key blanks, chains	31.45
Provincial Treasurer, truck licenses, mixing wax license	37.00
Pryal & Nye, batteries	52.08
Robt. T. Purves & Co., aircell boards	36.66
Pyrene Mfg. Co., extinguisher	31.12
Geo. Rathbone Lumber Co., lumber	135.37
Regent Electric Supply Co., electricians supplies	69.17
Reillys Lock Co., springs, etc.	31.98
Renold-Coventry Ltd., speed reducer, joints	83.04
Richmond Industrial Equipment Ltd., repairs	33.32
Ritchie Fuels, wood	29.00
Jas. Robertson Co., plumbers supplies	1,756.82
Robinson Clay Products, fire clay, etc.	148.75
Rolls & Darlington, chemicals	53.85
Roofers Supply Co., roofing material	35.31
Frank B. Ross Co., wax	529.48
Royal Metal Co., solder, etc.	139.44
Salem's Garage, repairs	39.65

Samuel, Son & Co., steel		$ 1,507.94	
Satin Finish Hardwood Flooring Ltd., lumber		335.23	
Scarfe & Co., paint		253.31	
Alf Sellers, building supplies		230.50	
Shannon Bros. lumber		608.09	
Shaw & Wright, hardware		577.98	
Sheldons Ltd., furnace parts		477.73	
Shell Oil Co., gas and oil		39.30	
Sherwin-Williams Co., paint		43.85	
W. Sherwood & Son, repairs to motors		1,405.19	
T. S. Simms & Co., brooms, dusters, etc.		475.35	
Robt. Simpson Co., linen, tumblers, etc.		223.05	
John B. Smith & Sons, lumber		2,862.95	
Square D. Co., electricians supplies		869.47	
Standard Chemical Co., chemicals		982.75	
Standard Sanitary & Dominion Radiator Ltd., boilers, heaters, etc.		515.51	
Stanley Supply Co., spones		90.00	
Charles A. Starr Co., material		85.40	
Sterling Electric Co., electricians supplies		135.28	
G. F. Sterne & Sons, cement, floor finish, etc.		432.45	
Stewart & Wood, glue, paint		201.32	
S. F. Stinson & Son, lumber		1,891.65	
Gilbert C. Storey Machinery Co., motors		199.00	
Michael Stuart Co., traps		216.54	
Sturgeons Limited, paint, varnish		89.88	
Superior Electric Supply Co., electricians supplies		2,704.53	
Supertest Petroleum Corporation, kerosene, gasoline		2,126.73	
Tarbox Bros. Ltd., mop pails and wringers		26.50	
Textile Products Ltd., cheesecloth, mops, etc.		1,476.23	
Thayers Limited, gasoline, oil		4,566.58	
Toronto Asphalt Roofing Mfg. Co., roofing		114.75	
Toronto Salt Works, chloride, salt		44.39	
Trane Co., climate changer		133.36	
Tremco Mfg. Co., caulking compound		52.32	
Turnbull Elevator Co., coils		73.11	
Twisswire Brushes Ltd., mops, etc.		111.60	
United Steel Corporation, steel		82.78	
Vulcan Asphalt & Supply Co., flooring, etc.		169.11	
C. C. Wakefield & Co., oil		526.68	
Waterous Ltd., hot water boiler		584.74	
West Disinfecting Co., chemicals		139.64	
Whites Hardware, hardware		1,886.14	
A. R. Williams Machinery Co., repairs		115.00	
J. A. Wilson & Co., electricians supplies		76.58	
A. C. Wild & Co., pipe covering		602.09	
Wilson & Cousins Ltd., couplings		34.46	
Wonderful Soap Co., soap		120.00	
G. H. Wood & Co., drinking cups, soap, etc.		87.64	
Woods Mfg. Co., bags		30.99	
University Press, printing and stationery		102.87	
Accounts under $25 (162)		1,431.89	
Superintendent's Dept., freight, $433.38; labour, $5,690.05; material, $1,453.20		7,576.63	
		$124,739.46	
Less credits:			
Dominion Government, refund of tax on alcohol	$10,354.91		
Ontario Government, refund of tax on gasoline and varsol	269.60	$10,624.51	
			$114,114.95
			$125,192.50
Sundry labour as per pay lists:			
Trade mechanics and general workmen		$187,998.98	
Firemen, night watchmen, etc.		31,262.14	
Cleaners and miscellaneous		95,492.23	
			$314,753.35
			$439,946.85

Apportionment of the foregoing:

	Labour	Material
Administration ($14,003.06):		
Bursar's Office	$ 13.65	.....
Registrar's Office	17.73	$ 4.81
Superintendent's Office	4,594.69	83.70
Convocation and Simcoe Halls	8,390.10	898.38
Library ($5,060.08):		
Maintenance	328.49	107.93
Building	3,628.27	995.39
Royal Ontario Museum	43,202.28	2,833.37
Athletics, Physical Training ($6,823.08):		
Athletics and Physical Training—Men	29.00	26.12
Athletics and Physical Education—Women	12.14	5.94
Health Service—Men	.....	2.10
Health Service—Women	1.50	10.47
Hart House (share of Maintenance)	4,449.20	1,756.86
Women's Building (44 Hoskin Avenue)	460.60	69.15
Examinations	219.33	43.01
Faculty of Arts ($48,490.39):		
Physics	641.02	763.49
Astronomy	5.00	33.07
Geology	59.86	31.90
Mineralogy	111.92	87.31
Chemistry	1,068.10	1,522.58
Biology	773.43	1,430.41
Botany	231.07	317.58
History	11.60	10.20
Fine Art	1.77	2.23
Geography	12.16	25.02
Political Economy	11.38	.63
Psychology	36.92	248.22
University College General Expenses	2.25	.....
University College Building	8,413.37	1,660.27
McLennan Laboratory (Physics)	3,753.25	1,227.53
Chemical Building	2,741.88	441.77
Biological Building	4,188.32	1,124.11
Botany Building	2,834.76	337.23
Baldwin House (History)	836.26	153.28
No. 43 St. George Street	540.40	84.51
No. 45 St. George Street	548.90	96.96
No. 47 St. George Street	396.88	47.32
Economics Building	4,509.17	805.89
Psychology Building	2,138.32	236.99
David Dunlap Observatory	1,021.23	120.11
Military Studies Building	1,669.42	461.21
No. 184 College Street	562.80	99.13
Faculty of Medicine ($32,781.06):		
Anatomy	149.66	233.56
Pathology and Bacteriology	683.17	477.31
Pathological Chemistry	37.86	112.13
Pharmacy and Pharmacology	21.16	160.88
Biochemistry (including Zymology)	279.88	597.42
Physiology	65.60	384.10
Hygiene and Preventive Medicine	73.22	41.42
Medicine	.80	51.75
Paediatrics	6.50	197.61
Surgery	4.55	11.57
Ophthalmology	1.65	1.42
Radiology	1.13	.....
Art Service	.....	4.21
General Expenses	99.93	51.16
Medical Building	4,070.97	580.73
Banting Institute	8,680.92	1,608.79
Anatomical Building	3,007.29	468.79
Hygiene Building	9,210.71	1,403.21
School of Hygiene:		
Maintenance	15.64	2.26

Faculty of Applied Science ($21,709.17):			
Electrical Engineering	$ 571.27	$ 193.84	
Mechanical Engineering	67.42	303.41	
Civil Engineering: Municipal and Structural	12.88	61.79	
Civil Engineering: Surveying and Geodesy	69.27	60.11	
Mining Engineering	89.86	446.15	
Metallurgical Engineering	34.62	95.66	
Chemical Engineering and Applied Chemistry	945.30	1,221.80	
School of Architecture	42.64	40.34	
Engineering Drawing	150.43	57.55	
Applied Physics	119.12	146.37	
General Expenses	59.95	16.30	
Photographic Service	8.30	22.94	
Mining Building (including Mill Building)	6,679.70	1,388.91	
Engineering Building	3,227.24	914.60	
Electrical Building (including Mechanical Building and Wind Tunnel)	3,317.28	944.21	
Geodetic Observatory Building	337.78	62.13	
Faculty of Dentistry ($9,570.55):			
Laboratory and Infirmary supplies, etc.	1,657.57	1,270.89	
Dental Building	5,013.61	1,628.48	
Faculty of Household Science ($4,304.15):			
Household Science	581.27	216.95	
Food Chemistry	111.96	69.87	
Household Science Building	2,919.92	404.18	
Faculty of Forestry ($705.64):			
Maintenance	51.76	73.97	
Forestry Building	505.25	74.66	
School of Nursing ($3,143.76):			
School Maintenance	.....	.82	
Residence Maintenance	74.37	132.17	
No. 7 Queen's Park	2,298.67	637.73	
University Extension and Publicity:			
Extension and Publicity Depts.	200.28	197.29	
Men's Residences ($11,913.56):			
Maintenance of Buildings	10,492.78	1,420.78	
Women's Residences:			
Maintenance of Buildings	4,535.61	1,143.56	
Housekeeping Account	763.71	1,998.23	
Central Power Plant ($29,641.45):	27,838.82	1,802.63	
Miscellaneous and General ($38,731.77):			
Central Stores	1,200.00	.....	
Grounds	14,785.14	1,280.97	
Protective Service	16,898.49	26.02	
Telephones	4,535.60	.....	
Convocation Expenses	3.00	2.55	
Special Research (including Banting and Best)	554.05	1,299.43	
Ontario College of Education	12,409.92	2,872.04	
Work done for University Organizations, members of staff, sundry incidental accounts, etc. (including Accounts Receivable on 30 June, $11,582.19)	62,709.45	64,783.69	
Cash Sales	.....	781.75	
	$314,753.35	$112,689.27	
			$427,442.62
Ledger Balance 30 June, 1941			$ 12,503.23

(Superintendent's Inventory Value $23,777.87)

APPENDIX V.

Ontario College of Education

Balance on hand 30 June, 1940	$ 48,763.99	
Receipts, 1940-41:		
Legislative Grant	246,000.00	
Fees of Students	63,442.13	
Use of Aura Lee Grounds (Ontario College of Education Athletic Field)	600.00	
		$358,806.12
Expenditures for salaries and maintenance for the year ending 30th June, 1941	$301,135.93	
Transferred to the Institute of Child Study	4,000.00	
		$305,135.93
		$ 53,670.19
Amount returned by G. A. Cline, being portion of salary granted during leave of absence 1936 to 1939, credited to account		$ 2,000.00
		$ 55,670.19

Salaries

J. G. Althouse, Dean (paid also $350 for Extension work)	$ 6,000.00
Professors:	
P. Sandiford, Science of Education and Director of Educational Research	5,700.00
J. O. Carlisle, Methods in Classics and Supervisor of Practice-Teaching	5,000.00
G. A. Cornish, Methods in Science	4,700.00
W. J. Lougheed, Methods in Mathematics	4,700.00
Miss L. L. Ockley, Home Economics and Supervisor of Women (paid also $125 for Extension Work)	4,500.00
Associate Professors:	
W. G. Bennett, Commercial Subjects (paid also $123.50 for Extension Work)	4,500.00
Miss W. G. Barnstead, also Director of Library School	4,300.00
B. C. Diltz, Methods in English and History	4,250.00
Miss H. B. St. John, Modern Languages	4,100.00
J. A. Long, Educational Research (paid also $350 for Extension Work)	3,900.00
Assistant Professors:	
C. E. Phillips, History of Education and Editor of "The School" (paid also $215.00 in School of Nursing)	4,450.00
F. Halbus, Physical Education	3,925.00
Miss R. E. Ratz, Home Economics	3,700.00
Adrian Macdonald, Elementary Subjects (without salary; paid by Department of Education)	.....
Library Science in Library School:	
Miss B. Bassam (paid also $150 for Extension Work)	3,100.00
Miss M. E. Silverthorn (paid also $150 for Extension Work)	2,900.00
Lecturers and Instructors in University Schools:	
G. N. Bramfitt, Diction and Voice Production (paid also $200 for Extension Work)	4,000.00
E. L. Daniher, History	4,000.00
A. T. McLachlan, Manual Training (paid also $1,550 for Extension Work)	3,500.00
L. R. Bell, Music	3,100.00
Lecturers:	
Miss A. Marsh, Art	3,425.00
Home Economics:	
Miss A. E. Robertson, at $3,600; retired 31 August	600.00
Miss V. B. Nichol	2,500.00
Miss H. L. Bryans, Physical Education, at $3,600; on leave of absence from 1 October to 30 June to lecture in Texas State College for Women	900.00

R. W. B. Jackson, Educational Research (paid also $140 for Extension Work)	$ 2,200.00
Miss M. M. B. Davidson, Lecturer and Reviser in Library Science in the Library School	1,700.00
Mrs. Dorothy Young, Instructor in Women's Physical Education, 9 mos.	2,400.00
Mrs. Margaret Graham, Pianist for Women's Physical Education Classes (paid also $300 in Athletics)	400.00
Instructors in University Schools:	
A. C. Lewis, Headmaster (paid also $200 as Instructor in Course for Degrees in Pedagogy and $210 for Extension Work)	4,700.00
G. A. Cline	4,000.00
J. L. Gill	4,000.00
H. A. Grainger (paid also $45 for Extension Work)	4,000.00
Norman McLeod	4,000.00
N. L. Murch (paid also $69 for Extension Work)	4,000.00
P. A. Petrie (paid also $58.50 for Extension Work)	4,000.00
W. L. C. Richardson	4,000.00
J. G. Workman	4,000.00
A. G. Croal (paid also $16.50 for Extension Work)	3,900.00
R. F. S. Baird	3,700.00
J. D. Morrow	3,700.00
Herman McGuire (paid also $350 for Extension Work)	3,500.00
W. R. Stewart	3,150.00
A. D. Lockhart	2,900.00
L. H. Newell	2,900.00
W. B. Gray	2,500.00
B. C. Taylor	2,300.00
A. J. Bohnen, at $500 for 8 mos. resigned 30 April (paid also $437.50 in Educational Research)	437.50
G. W. Cochrane, Instructor in Swimming and Supervisor of U.T.S. Athletic Grounds and Sports	2,800.00
L. E. Hayman, Instructor in Games	2,000.00
Special Instructors in Library School:	
Miss L. H. Smith, work with Boys and Girls	450.00
W. S. Wallace, College and University Libraries (paid also as University Librarian)	350.00
Miss J. Merchant, School Libraries	200.00
F. C. Jennings, Administration of Libraries (including expenses, $37.05)	187.05
Miss M. E. M. Poole, Special Libraries	150.00
C. R. Sanderson, Circulation of Books	150.00
Miss F. Trotter, Story-Telling	150.00
Occasional Lecturers:	
J. A. Lowe (including expenses, $14.45)	79.44
F. Landon (including expenses, $12.45)	42.45
Mrs. Aimee M. Kennedy (including expenses, $18.40)	33.40
E. C. Kyte (including expenses $16.00)	31.00
E. J. Pratt (also in Dentistry)	30.00
F. H. Walter	30.00
Mrs. Elizabeth Long	30.00
G. S. Brett (also in Faculty of Arts)	30.00
H. C. Gourlay	15.00
Griffith Taylor, Special Lecturer in Geography (paid also $4,000 in Faculty of Arts)	2,500.00
Norman Davies, Lecturer in Methods in Agriculture	300.00
A. C. Lewis, Instructor in Course for Degrees in Pedagogy (paid also as Headmaster in University Schools)	200.00
Supply Teachers, at $7.50 and $9 per day:	
M. L. Copeland, 96 days	891.00
W. E. Baker, 5 days	37.50
Miss D. A. Thompson, Librarian	2,500.00
Miss M. Faircloth, Reviser in the Library School, 8 mos.	850.00
Assistant Librarians:	
Miss D. Walter	1,800.00
Miss M. E. Reid	1,000.00

Clerical Staff:		
Miss L. Swinarton, Secretary	$ 2,350.00	
Miss E. G. Seldon, Clerk in Headmaster's Office	1,550.00	
Clerks:		
Miss J. M. Jeffrey	1,650.00	
Miss G. M. Harvey	1,500.00	
Clerical Assistants:		
Miss A. A. Elliott	1,500.00	
Mrs. Catherine Grant (paid also $12 for Extension Work)	1,200.00	
		$190,724.34
Retiring Allowances:		
Teachers' Insurance and Annuity Association, contribution of College for year ending 30 June, 1941 to retiring fund	$ 3,272.76	
Contribution of College for year ending 30 June, 1941, University Pensions Fund—Employees	1,168.50	
		$ 4,441.26
Charges on Investment:		
Accountant, Supreme Court of Ontario, proportion of annual payment on debenture issue of 1909 for interest and sinking fund		$ 10,000.00
Maintenance of Building:		
Fuel:		
Great Lakes Coal Co.	$ 3,461.39	
Gas, $277.92; electric current, $2,465.02; water, $229.52; telephone service, $367.39	3,339.85	
Caretaker's supplies:		
Superintendent's Dept., material	655.72	
Cleaning and Furnace man ($6,912.28):		
Co-operative Window Cleaning Service	60.00	
Electrolux (Canada), plug	.45	
Furnace man, G. Thompson, 42½ weeks	933.17	
Superintendent's Dept., labour	5,918.66	
Repairs and renewals ($3,861.29):		
Wm. Bartlett & Son, shades	19.50	
Brooks Marble & Tile Co., boys' shower room marble	400.00	
Canadian Power Regulator Co., repairs to system	279.00	
City Treasurer, elevator license	10.00	
Alf Gross, diving board	40.18	
Robt. Simpson Co., chairs	200.00	
Triplex Weather Strip Co., weather strip	23.00	
Superintendent's Dept., freight, $1.00; labour, $1,934.88; material, $953.73	2,889.61	
Alterations in Staff Lavatory ($1,720.32):		
Brooks Marble & Tile Co., marble work	425.25	
John Nelson & Sons, lathing and plastering	68.00	
Superintendent's Dept., labour, $603.03; material. $624.04	1,227.07	
Grounds:		
Superintendent's Dept., labour, $426.79; material, $165.77	592.56	
Caretaker and Engineer:		
J. Harding. 12 mos. (overtime, $269.00)	1,600.00	
Night watchmen ($1,433.67):		
H. McLeod, 12 mos.	1,320.00	
A. Smith, 23 nights	79.56	
W. Gordon, 10 nights	34.11	
Resurfacing Yard:		
William G. Stephenson	677.00	
	$ 24,254.08	
Less credits: Cleaning and caretaker's supplies, $266.80; material returned, $0.51; fuel, light, etc., $315.02; telephones, $59.97	642.30	
		$ 23,611.78

Maintenance of Aura Lee Grounds:		
Fuel:		
Halliday Bros.	$ 412.44	
Gas, $25.21; electric current, $52.23; water, $35.15; telephone, $107.40	219.99	
Caretaker's supplies:		
Superintendent's Dept., labour	8.45	
Repairs and Occasional Labour:		
Superintendent's Dept., labour, $759.65; material, $131.75	891.40	
Caretaker:		
G. Cruickshank; 12 mos. (overtime, $29.75)	1,200.00	
		$ 2,732.28
Maintenance of Instruction:		
Use of City Schools:		
Board of Education, City of Toronto	$ 33,375.00	
Use of Rural Schools ($405.00):		
Honoraria as Critic Teachers—Agriculture:		
Principal R. H. King	50.00	
D. G. McBain	150.00	
W. A. Porter	150.00	
Dean Althouse, expenses of Students, specialists in Agriculture	55.00	
Honoraria to Critic Teachers in Rural Schools ($290.33):		
Miss M. Chapman	10.00	
Miss K. Dolan	25.00	
Miss M. Fraser	25.00	
E. Harris	10.00	
S. A. Hazen	10.00	
Miss H. Kemo	10.00	
Miss K. Morrison	25.00	
Miss M. Mustard	25.00	
Miss M. Wood	5.00	
Adrian Macdonald, travelling and supervision expenses	145.33	
Living Allowances of Teachers in Training of the School Librarianship ($70.00):		
K. R. Doff	10.00	
Miss E. Gallagher	10.00	
S. C. Graves	10.00	
J. A. McKeen	10.00	
E. F. Robinson	10.00	
A. M. Ross	10.00	
J. W. Thow	10.00	
Art Gallery of Toronto, services in connection with practical teaching	6,000.00	
Payments to Librarians who assist in Practical work ($1,060.00):		
Miss H. Armstrong	75.00	
Miss L. Booth	75.00	
Miss G. Boyle	75.00	
Miss W. Davis	75.00	
Miss M. Forman	75.00	
Miss E. Gordon	75.00	
Miss V. Hyland	25.00	
Miss I. Lochead	75.00	
Miss M. MacGregor	75.00	
Miss E. MacIntosh	75.00	
Miss M. L. Newton	25.00	
Miss J. Rorke	75.00	
Miss E. Shaw	75.00	
Miss E. St. John	35.00	
Miss J. Thomson	75.00	
Miss H. G. B. Woolryche	75.00	
Laboratory assistance:		
Mrs. S. McKerrighan, 360 hours	118.80	
Office Supplies ($1,887.89):		
Felt and Farrant, comptometer repairs	21.75	
D. Gestetner (Canada), ink, stencil, paper	97.00	

Grand & Toy, files, cash box, etc.	$ 11.50
Might Directories, City Directory	32.40
Office Specialty Mfg. Co., cabinet, folders, guides	46.02
Miss T. Porter, clerical assistance, 2 weeks	36.00
Postage	285.00
Robbins & Townsend, typewriter maintenance	44.75
Stephens Sales, paper	251.07
University Press, stationery, printing	975.79
Accounts under $10 (8)	31.36
Sundry disbursements by department:	
Telegrams and telephones, $9.40; sundries, $5.60	15.00
Superintendent's Dept., labour, $22.08; material, $18.17	40.25
Office Supplies for Library School ($293.77):	
Miss T. Porter, clerical assistance, 2 weeks	36.00
Postage	40.00
University Press, stationery, printing	171.72
Accounts under $10 (5)	28.05
Sundry disbursements by department:	
Telephones and telegrams, $3.52; stationery and postage, $4.55; sundries, $6.93	15.00
Superintendent's Dept., labour	3.00
General supplies and apparatus for classroom use ($4,902.73):	
Aikenhead Hardware, hardware	90.38
Artist's Supply Co., cards, boards, colours	40.00
Big "A" Co., radio	151.50
Brown Bros., paper	10.41
Canadian General Electric Co., irons	88.15
Canadian Laboratory Supplies, spectroscopes, chemicals	248.84
Gus Cancilla, provisions	117.60
Central Scientific Co., microscopes, chemicals, etc.	254.91
City Dairy Co., milk, ice cream	20.16
Clarke Irwin & Co., books	150.60
Copp Clarke Co., books	16.65
De Laval Co., bottles, scale, etc.	51.91
T. Eaton Co., paint, brushes, spools, etc.	93.82
W. J. Gage & Co., paper, books	13.95
D. Gestetner (Canada), stencils	20.00
Globe Furniture Co., desks	399.00
Geo. M. Hendry Co., blackboards, bookcase	53.32
R. Laidlaw Lumber Co., lumber	35.55
Longman's Green & Co., atlas, text books	40.00
Geo. J. McLeod, text books	12.00
McMillan Co. of Canada, books	13.80
Mason & Risch, piano rental	50.25
Office Specialty Mfg. Co., guides, cards	11.57
Sir Isaac Pitman & Sons, recordings	12.00
Miss Thelma Porter, clerical assistance, 2 weeks	36.00
Postage	70.00
Promenade Music Centre, music	105.26
Psychological Corporation, books	13.43
R.C.A. Victor Co., radio	55.74
Roneo Co., stencils, ink	11.38
Royal Ontario Museum, lectures	10.50
Ryerson Press, lamp, reels, binders, connections	94.86
Robt. Simpson Co., chairs	200.00
J. A. Simmers, tools	63.63
J. B. Smith & Sons, lumber	131.90
Leslie Victor Smith, lettering diplomas and certificates	104.10
G. Tamblyn Ltd., soap	19.50
Gordon V. Thompson, music	24.00
Sprague Troyer Natural Science Service, specimens	102.75
Underwood Elliott Fisher, typewriter rentals	382.00
Warwick Bros. & Rutter, paper	93.74
Harold A. Wilson, tennis nets	42.00
Payment to Examiners, extra-mural candidates:	
J. G. Althouse	25.50
L. R. Bell	.37
W. G. Bennett	1.12

J. O. Carlisle	$ 17.62
G. A. Cornish	47.25
N. Davies	.75
B. L. Diltz	34.12
J. L. Gill	5.62
W. G. Lougheed	18.75
N. McLeod	27.00
L. H. Newell	30.00
Miss L. L. Ockley	3.75
Miss A. E. Robertson	3.75
Miss H. B. St. John	16.50
P. Sandiford	26.25
University Press, printing, binding, stationery	340.89
Accounts under $10 (33)	136.42
Sundry disbursements by department:	
Physics supplies, $14.76; provisions, $9.24; hardware, art and stationery supplies, $12.11; sundries, $9.12	45.23
Superintendent's Dept., freight, $10.35; labour, $313.42; material, $240.91	564.68
Supplies and equipment for Library School ($938.12):	
American Library Association, membership, books	43.12
Miss W. G. Barnstead, expenses London Conference	26.75
Bookshelf Bindery, journals	24.40
Gordon & Gotch, subscriptions, books	96.66
Grafton & Co., text books	10.64
Grand & Toy, desks, blotters	84.70
Library of Congress, cards	19.23
Lowe Martin Co., cards, pads, etc.	37.79
Geo. J. MacLeod, books	27.20
Mitchell & McGill, desk	40.00
Moyer School Supplies, New Ditto machine, $245; supplies	271.75
Robbins & Townsend, typewriter maintenance	20.10
L. C. Smith & Corona Typewriter Co., rentals	30.00
Special Libraries Association, text books	12.71
H. W. Wilson Co., books, reprints	97.78
University Press, binding, stationery	23.90
Accounts under $10 (17)	55.64
Superintendent's Dept., freight	15.75
Library Books, Periodicals, etc. ($1,449.34):	
Bookshelf Bindery, books	38.14
Clarke Irwin Co., books	71.15
Copp, Clarke Co., books	20.64
Wm. Dawson Subscription Service, books, subscriptions	80.40
Evans Bros., books	17.34
Grand & Toy, pressbook pockets	20.00
Geo. M. Hendry Co., books	19.95
Mrs. G. M. Jones, books	25.00
Library of Congress, books	10.92
Longmans Green & Co., books	20.15
Lowe Martin Co., cards, books	80.13
F. E. Lucas, books	15.60
Geo. J. MacLeod, books	28.81
MacMillan Co., books	96.51
McClelland and Stewart, books	21.40
Ryerson Press, books	34.19
Miss B. Saunders, catalogues	200.00
H. W. Wilson & Co., books, bulletins	82.73
University Press, books	428.26
Accounts under $10 (30)	138.02
Physical Education, including care of grounds, Field Day Sports, etc. ($476.10):	
J. F. Hartz, assembling skeleton	12.00
Independent Towel Supply, towel service	10.32
Lackie Mfg. Co., engraving, trophies, medals	194.31
Ken Patey Sporting Goods, kite	2.90
Toronto Radio & Sports, hockey supplies, balls, bats, etc.	75.43
University of Toronto Athletic Association, rental of Arena, referees fees, etc.	126.85

Harold A. Wilson Co., basketballs, repairs to equipment	$ 21.53	
Superintendent's Dept., material	32.76	
Lunchroom equipment ($306.31):		
T. Eaton Co., towels, cloth	13.23	
Kelvinator Co. of Canada, beverage cooler	165.00	
Waffle Steak Machine Co., electric mixer	16.50	
Accounts under $10 (2)	10.77	
Superintendent's Dept., labour, $60.35; material, $40.46	100.81	
Graduate Courses and Summer Session:		
Instructors ($2,920.00):		
Miss D. Ackerman	125.00	
Dean J. G. Althouse	350.00	
Miss B. Bassam	150.00	
R. W. B. Jackson	140.00	
A. C. Lewis	210.00	
J. A. Long	350.00	
H. McGuire	350.00	
A. T. McLachlan	350.00	
A. A. Martin	125.00	
Miss A. Marsh	125.00	
F. W. Minkler	350.00	
Miss L. L. Ockley	125.00	
Miss M. E. Silverthorn	150.00	
Miss L. H. Smith	20.00	
Department of Educational Research:		
Research Assistants (Sessional—$2,000):		
G. A. Ferguson, 5 mos.	750.00	
A. J. Bohnen at $500 for 8 mos. resigned 30 April (paid also as Instructor in University Schools)	437.50	
Miss M. J. Frazer	500.00	
Miss G. O. Whittaker at $500 for 8 mos. resigned 28 February	312.50	
Miss K. M. Hobday, Secretary and Research Assistant	2,000.00	
Clerical Assistants ($2,700):		
Miss M. Graham	1,400.00	
Miss M. Spalding	1,300.00	
Office supplies, printing, etc. ($2,512.88):		
Bureau of Publications, scale form, stencils, tests, etc.	15.93	
D. Gestetner, paper, stencils, ink	173.70	
Lowe Martin Co., guides, sands	30.62	
Leonard A. Phillips & Co., repairs to calculator	15.00	
Photographic Service, slides	20.00	
Postage	94.50	
Robbins & Townsend, typewriter maintenance	36.10	
Ryerson Press, binders, slide case	13.13	
"The School," advertising	30.00	
World Book Co., books	28.89	
University Press, printing and stationery	1,780.38	
Accounts under $10 (5)	36.27	
Sundry disbursements by department:		
Telegrams, freight and duty, $10.33; stationery, $4.89; sundries, $14.78	30.00	
Superintendent's Dept., freight, $206.86; labour, $1.22; material, 28c	208.36	
Students' Social Activities ($420):		
T. Eaton Co., Auditorium rental, supper	125.00	
Jarvis Collegiate Institute, refreshments	17.25	
Chas. G. Prince, refreshments, teas	112.25	
U.T.S. Cafeteria, catering monthly teas	163.00	
Percy Waters, flowers	2.50	
Publication of "The School" and distribution in Training Schools:		
"The School," subscriptions	5,500.00	
		$ 69,626.27
		$301,135.93

REPORT

RELATING TO THE REGISTRATION OF

BIRTHS, MARRIAGES AND DEATHS

IN THE

PROVINCE OF ONTARIO

FOR THE

YEAR ENDING 31st DECEMBER

1941

(BEING THE SEVENTY-SECOND ANNUAL REPORT)

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO

SESSIONAL PAPER No. 13, 1942

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1943

SIR:

I have the honour to submit for your approval the Seventy-second Annual Report made in conformity with and under the provisions of the Act respecting the Registration of Births, Marriages and Deaths in the Province of Ontario, for the year ending December 31st, 1941.

I have the honour to be, Sir,

Your obedient servant,

F. V. JOHNS,

Deputy Registrar-General.

TO THE HON. H. C. NIXON,

Registrar-General of Ontario.

To His Honour the Lieutenant-Governor of the Province of Ontario.

May It Please Your Honour:

I herewith beg to present for your consideration the Seventy-second Annual Report of the Registrar-General, relating to the Registration of Births, Marriages and Deaths in the Province of Ontario during the year 1941.

Respectfully submitted,

H. C. NIXON,

Registrar-General of Ontario.

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REPORT UPON

Births, Marriages and Deaths

For the Year 1941

BEING THE SEVENTY-SECOND ANNUAL REPORT OF THE REGISTRAR-GENERAL

CENSUS POPULATION BY AGE AND SEX
ONTARIO—1941

Age Groups	Male	Female	Totals
Under 4	151,497	146,427	297,924
5-9	152,909	148,606	301,515
10–14	164,605	160,199	324,804
0–14	**469,011**	**455,232**	**924,243**
15–19	172,133	166,983	339,116
20–24	163,579	160,410	323,989
25–29	159,923	155,783	315,706
15–29	**495,635**	**483,176**	**978,811**
30–34	145,592	140,912	286,504
35–39	139,105	129,275	268,380
40–44	128,287	122,034	250,321
30–44	**412,984**	**392,221**	**805,205**
45–49	119,409	113,208	232,617
50–54	110,039	104,055	214,094
55–59	94,016	87,718	181,734
45-59	**323,464**	**304,981**	**628,445**
60–64	75,265	74,361	149,626
65–69	57,724	58,618	116,342
70–74	41,420	44,468	85,888
65-74	**174,409**	**177,447**	**351,856**
75–79	25,910	29,323	55,233
80–84	13,597	16,022	29,619
85–89	4,909	6,130	11,039
90–94	1,090	1,589	2,679
75-94	**45,506**	**53,064**	**98,570**
95 and over	192	333	525
Total	**1,921,201**	**1,866,454**	**3,787,655**

The population is distributed as follows:—

Cities, Towns and Villages of 10,000 population and over 1,742,415. Towns and Villages of 5,000 to 10,000 population 217,809. Rural (including all other municipalities) 1,827,431.

BIRTHS

There were registered 72,262 living births during the year 1941, being a rate of 19.0 per 1,000 of population. This being a numerical increase of 3,738.

There were 37,254 boys, or 51.5% of the total number; and 35,008 girls, or 48.4% which represents 93.9 male to 100 female births.

NUMBER OF BIRTHS AND RATE PER 1,000 OF POPULATION

	1941		1940	
	Number	Ratio	Number	Ratio
Province	72,262	19.0	68,524	18.2
Cities	42,875	24.6	38,804	22.9
Towns	5,502	25.2	4,949	24.2
Rural	23,885	13.0	24,771	13.2

NUMBER OF BIRTHS AND RATE FOR 10 YEARS

Year	Number	Ratio	Year	Number	Ratio
1932	66,842	19.2	1937	61,645	16.6
1933	63,646	18.1	1938	65,564	17.6
1934	62,234	17.5	1939	64,123	17.1
1935	63,069	17.5	1940	68,524	18.2
1936	62,451	16.9	1941	72,262	19.0

STILL BIRTHS

Year	Registered as Births	Ratio per 1,000 Total Births	Year	Registered as Births	Ratio per 1,000 Total Births
1922	3,015	40.5	1932	2,377	34.3
1923	3,028	41.4	1933	2,161	32.7
1924	2,594	34.9	1934	2,091	32.5
1925	2,780	38.1	1935	2,140	32.7
1926	2,812	39.9	1936	2,034	31.5
1927	2,758	39.5	1937	1,988	31.2
1928	2,793	39.2	1938	2,015	29.8
1929	2,730	38.8	1939	1,965	29.7
1930	2,713	36.6	1940	2,037	28.8
1931	2,652	36.9	1941	2,084	28.0

BIRTHS

Age of Mother

Year	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	11–25	Others
1932	..	..	3	12	106	308	783	1647	2400	2946	3422	3596	3787	4058	3850	26909	39933
1933	..	..	5	24	97	318	750	1661	2334	2843	3220	3421	3631	3765	3791	25350	38296
1934	..	..	5	16	79	288	709	1476	2276	2783	3221	3471	3484	3688	3507	25003	37231
1935	..	..	3	17	103	312	710	1497	2270	2842	3366	3499	3738	3732	3757	25846	37223
1936	..	..	5	25	104	294	691	1497	2269	2946	3391	3629	3682	3745	3666	25944	36507
1937	..	..	5	14	97	306	781	1521	2258	2779	3308	3725	3791	3756	3661	26002	35643
1938	..	1	9	19	87	342	856	1796	2395	2963	3511	3866	4143	4137	4092	28217	37347
1939	..	.	5	16	88	297	829	1655	2567	2851	3303	3681	3995	4183	3968	27438	36685
1940	..	1	1	16	94	347	872	1829	2828	3497	3545	3958	4076	4341	4523	29928	38596
1941	1	..	5	22	90	343	858	1841	2977	3780	4283	4195	4452	4661	4622	32130	40132
Total	1	2	46	181	945	3155	7839	16420	24574	30230	34510	37041	38779	40066	39437	272767	377593

44.4% of living births were of mothers under 25 years of age and 55.5% of mothers 25 years and over.

ILLEGITIMATE BIRTHS

Rate per 1,000 living Births

1910.....19.3	1918.....21.0	1926.....26.9	1934.....40.2
1911.....19.4	1919.....19.8	1927.....29.0	1935.....41.8
1912.....21.3	1920.....20.5	1928.....31.7	1936.....44.6
1913.....21.6	1921.....21.5	1929.....34.6	1937.....45.3
1914.....22.1	1922.....21.2	1930.....37.2	1938.....46.6
1915.....21.9	1923.....22.5	1931.....40.0	1939.....44.9
1916.....20.9	1924.....24.0	1932.....42.3	1940.....46.2
1917.....19.5	1925.....26.8	1933.....43.8	1941.....46.8

ILLEGITIMATE BIRTHS

By Ages of Mothers

Year	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	12–25	Over 25	Total	Rate
1932	..	..	3	10	53	124	212	310	320	286	257	172	165	151	103	2166	668	2834	42.5
1933	..	..	4	17	52	144	209	314	331	268	256	200	144	128	97	2164	622	2786	43.8
1934	..	..	5	12	38	96	190	226	272	251	233	198	139	123	104	1887	613	2500	40.2
1935	..	..	3	16	49	123	186	248	278	259	265	187	184	139	103	2040	602	2642	41.8
1936	..	..	5	24	60	107	179	261	298	271	266	225	179	153	121	2149	639	2788	44.6
1937	..	..	5	12	58	119	199	244	261	239	260	215	173	142	126	2053	743	2796	45.3
1938	..	1	8	13	51	117	213	286	304	275	281	226	219	171	126	2291	770	3061	46.6
1939	..	..	5	16	49	120	187	261	291	284	238	218	172	155	159	2158	726	2884	44.9
1940	..	1	1	11	45	151	239	288	315	303	273	236	157	184	145	2349	818	3167	46.2
1941	1	..	4	16	53	128	188	314	320	324	307	252	211	179	138	2435	949	3384	46.8
Total	1	2	43	148	508	1229	2002	2755	2990	2760	2636	2129	1743	1525	1222	21692	7150	28842	.....

In the case of illegitimate births 71.9% of the mothers were under 25 years of age and of the total 3,384 such births, 1,733 or 51.2% were boys and 1,651 or 48.7% girls.

MULTIPLE BIRTHS

There were 769 cases of twin births. Of these 817 were males and 721 females.

There were 4 cases of triplets, 3 boys and 9 girls.

Table 15 will give a detailed explanation of the multiple births.

CONFINEMENTS

Multiple births	773
Single living births	70,801
Single still births	1,995
	73,569

Other tables dealing with births will be found from Table No. 1 to Table No. 15.

MARRIAGES

NUMBER AND RATE PER 1,000 OF POPULATION

	1941		1940	
	Number	Ratio	Number	Ratio
Province	43,270	11.4	41,229	11.0
Cities	26,889	15.4	25,185	14.8
Towns	3,300	15.1	2,846	13.9
Rural	13,081	7.1	13,198	7.0

NUMBER AND RATIO PER 1000 POPULATION FOR 10 YEARS

Year	Marriages	Ratio	Year	Marriages	Ratio
1931	23,771	6.9	1937	29,893	8.1
1932	22,224	6.4	1938	30,080	8.1
1933	22,587	6.4	1939	34,657	9.2
1934	25,874	7.3	1940	41,229	11.0
1935	26,843	7.5	1941	43,270	11.4
1936	27,734	7.5			

The tables dealing with marriages from various angles are numbered 16 to 22.

DIVORCES 1941

949 divorce returns were filed with the Registrar-General in 1941.

339 granted to men and 610 to women.

The above figures are compiled from information sent to the Registrar-General by the Registrars of the Supreme Courts of Ontario.

DEATHS

	1941		1940	
	Number	Ratio	Number	Ratio
Province	39,226	10.3	38,503	10.2
Cities	20,733	11.9	20,128	11.8
Towns	2,609	11.9	2,630	12.8
Rural	15,884	8.6	15,745	8.4

DEATHS AND RATE PER 1,000 OF POPULATION FOR 10 YEARS

Year	Deaths	Ratio	Year	Deaths	Ratio
1932	36,469	10.5	1937	38,475	10.4
1933	35,301	10.0	1938	36,890	9.9
1934	35,119	9.9	1939	37,530	10.0
1935	36,317	10.1	1940	38,503	10.2
1936	37,571	10.2	1941	39,226	10.3

Considerable differences in the numbers of deaths listed under 1941 as compared with preceding years will be noted.

These are due to classification of causes of death under the Fifth Revision of the International List.

TEN HIGHEST CAUSES OF DEATH IN EACH YEAR PER 100,000 OF POPULATION

	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941
Organic heart disease	6,679	6,619	7,066	7,053	7,053	7,226	7,354	7,705	8,546	11,676
	192.1	187.6	198.3	196.1	191.1	194.7	197.0	205.3	227.0	308.2
Pneumonia (all forms)	2,388	2,175	2,145	2,417	2,520	2,595	2,495	2,174	1,977	1,676
	68.7	61.7	60.2	67.2	68.2	69.9	66.8	57.9	52.5	44.2
Influenza	1,544	1,240	580	958	722	1659	618	1,190	611	465
	44.4	35.1	16.2	26.6	19.5	44.6	16.5	31.7	16.2	12.2
Tuberculosis (all forms)	1,604	1,465	1,337	1,303	1,327	1,315	1,237	1,085	1,011	1,100
	46.1	41.4	37.5	36.2	35.9	35.4	33.1	28.9	26.8	29.0
Cancer	3,825	4,044	4,034	4,214	4,441	4,547	4,472	4,567	4,847	4,931
	110.0	114.7	113.2	117.2	120.3	122.5	119.8	121.7	128.7	130.2
Violent or accidental deaths	2,571	2,278	2,535	2,672	3,294	2,851	2,754	2,718	2,926	3,305
	73.9	64.6	71.1	74.2	89.4	76.8	73.8	72.4	77.7	87.2
Cerebral hemorrhage, cerebral embolism and thrombosis	1,259	1,262	1,229	1,025	839	770	790	814	901	3,933
	36.2	35.8	34.5	28.5	22.7	20.7	21.1	21.6	23.9	103.8
Diseases of the arteries	3,559	3,574	3,793	4,109	4,621	4,633	4,745	5,189	5,769	946
	102.4	101.4	106.4	114.2	125.2	124.8	127.1	138.2	153.3	24.9
Infantile diarrhoea	483	571	509	310	362	399	312	253	149	315
	13.9	16.2	14.3	8.6	9.8	10.7	8.3	6.7	3.9	8.3
Nephritis	1,810	1,754	1,700	1,848	1,892	1,946	1,900	1,889	1,958	2,007
	52.1	49.7	47.7	51.4	51.2	52.4	50.9	50.3	52.0	52.9
Diabetes mellitus	.....	.....	.....	524	566	579	584	657	691	872
				14.5	15.3	15.6	15.6	17.9	18.3	23.0

COMMUNICABLE DISEASES

Rates per 100,000 of population

	1932		1933		1934		1935		1936		1937		1938		1939		1940		1941	
Typhoid fever	58	1.6	51	1.5	49	1.4	39	1.0	40	1.0	35	0.9	39	1.0	19	0.5	27	0.7	23	0.6
Smallpox			1	0.0	...	...	...	...	...	...	..	...	..	...	..	...	..	...	..	...
Measles	118	3.3	37	1.0	5	0.1	89	2.5	84	2.3	30	0.8	31	0.8	44	1.1	31	0.8	43	1.1
Scarlet fever	40	1.1	43	1.2	58	1.6	57	1.6	79	2.1	50	1.3	49	1.3	53	1.4	31	0.8	38	1.0
Whooping cough	132	3.7	119	3.3	178	4.7	144	4.0	112	3.0	104	2.8	88	2.3	75	1.9	69	1.8	100	2.6
Diphtheria	89	2.5	40	1.1	23	0.6	33	0.9	31	0.9	30	0.8	11	0.2	13	0.3	14	0.3	14	0.3
Influenza	1544	44.4	1240	35.1	580	16.2	958	26.6	722	19.5	1659	44.6	618	16.5	1190	31.7	611	16.2	465	12.2
Poliomyelitis	24	0.6	15	0.4	39	1.9	14	0.3	23	0.6	119	3.2	25	0.6	23	0.6	14	0.3	10	0.2
Cerebrospinal Meningitis	27	0.7	27	0.7	13	0.3	24	0.6	20	0.5	17	0.4	16	0.4	18	0.4	30	07	60	1.5

TUBERCULOSIS

The following Table showing deaths and rates over a fifty-year period is shown for comparison and indicates the effectiveness of effort to wipe out this disease.

Year	Number	Rate	Year	Number	Rate
1891	2,379	112.5	1921	2,083	71.0
1901	3,243	148.6	1931	1,728	50.4
1911	2,353	93.2	1941	1,100	29.0

Deaths in Ontario from Tuberculosis by Ages, 1932-1941

Year	Total	Ratio per 100,000	Under 5 years					5-9	10-14	15-19	20-29	30-39	40-49	50-59	60-69	70-79	80 and over	Not stated	Total deaths from all causes.
			0–1	1	2	3	4												
1932	1,604	46.1	26	22	14	8	6	32	32	130	387	290	218	212	132	79	16	...	36,469
1933	1,465	41.4	23	28	15	10	10	30	32	101	375	259	223	168	111	68	11	1	35,301
1934	1,337	37.5	14	13	8	14	5	29	23	93	307	260	202	149	135	73	11	1	35,119
1935	1,303	36.2	15	17	12	13	5	25	36	88	264	230	205	186	114	70	12	1	36,317
1936	1,327	35.9	12	24	14	11	5	37	28	93	285	241	202	168	129	65	13	...	37,571
1937	1,315	35.4	19	12	17	6	4	27	28	72	299	230	201	177	132	74	16	1	38,475
1938	1,237	33.1	17	16	8	10	8	24	29	76	246	225	199	160	131	75	11	2	36,890
1939	1,085	28.9	12	7	6	5	8	20	23	64	211	195	144	173	131	72	13	...	37,530
1940	1,011	26.8	9	13	4	5	6	20	21	64	185	175	155	152	127	61	14	1	38,503
1941	1,100	29.0	16	13	6	3	10	15	41	64	189	172	190	158	139	69	15	—	39,226

TUBERCULOSIS

Number of Deaths in each Age Group and Rate per 100,000 Population

	1936				1937				1938				1939				1940				1941*			
	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate
Under 1 yr.	11	34.4	1	3.2	10	31.1	9	28 9	10	30.9	7	22.3	7	21.5	5	15.9	3	9.2	6	19.0	..	.....	...	....
1 "	17	53.0	7	22.3	6	18.5	6	19.1	7	21.5	9	27.7	3	9.2	4	12.5	8	24.3	5	15.7	...	.....	...	....
2 yrs.	7	20.4	7	21.0	7	20.2	10	29.8	4	11.5	4	11.8	4	11.4	2	5.9	2	5.7	2	5.8	...	.....	...	....
3 "	10	28.8	1	2.9	3	8.6	3	8.7	3	8.5	7	20.3	1	2.8	4	11.5	2	5.6	3	8.6	...	.....	...	....
4 "	3	8.5	2	5.9	1	2.8	3	8.9	4	11.3	4	11.8	3	8-4	5	14.6	3	8.4	3	8.7	23	15.1	25	17.0
5 to 9 "	24	13.3	13	7.3	13	7.1	14	7.8	9	4.9	15	8.4	11	5.9	9	5.0	15	8.1	5	2.7	8	5.2	7	4.7
10 " 14 "	13	7.4	15	8.9	11	6.2	17	10.0	11	6.2	18	10.5	8	4.5	15	8.7	4	2.2	17	9.8	11	6.6	30	18.7
15 " 19 "	37	21.0	56	33.3	29	16.4	43	25.5	28	15.7	48	28.4	24	13.4	40	23.5	33	18.4	31	18.1	30	17.4	34	20.3
20 " 24 "	60	37.8	86	55.7	61	38.2	101	65.0	50	31.1	72	46.1	43	26.6	50	31.8	36	22.2	51	32.4	32	19.5	55	34.2
25 " 29 "	57	39.0	82	59.2	56	38.1	81	58.2	54	36.5	70	50.0	52	35.0	66	46.8	34	22.8	64	45.3	42	26.3	60	38.5
30 " 34 "	60	43.3	60	45.2	62	44.5	49	36.7	67	47.8	56	41.7	50	35.5	55	40.7	42	29.7	46	34.0	43	29.5	45	31.9
35 " 39 "	76	56.2	45	34.6	71	52.2	48	36.6	69	50.4	33	25.0	53	38.5	37	27.9	52	37.7	35	26.3	51	36.6	33	25.5
40 " 44 "	64	50.4	35	29.4	64	50.1	34	28.4	54	42.0	38	31.6	57	44.2	27	22.3	55	42.5	29	23.9	66	71.4	34	27.8
45 " 49 "	64	55.1	39	36.9	79	67.6	24	22.6	69	58.7	38	35.6	39	33.0	21	19.5	51	43.0	20	18.6	62	51.9	28	24.7
50 " 59 "	123	70.6	45	27.3	136	77.7	41	24.7	108	61.4	52	31.2	133	75.1	40	23.9	109	61.4	43	25.6	121	59.3	37	19.3
60 " 69 "	80	71.6	49	43.9	87	77.4	45	40.1	82	72.6	49	43.4	87	76.5	44	38.8	80	70.2	47	41.3	103	77.4	36	27.0
70 " 79 "	38	64.1	27	44.4	39	65.4	35	57.2	42	70.2	33	53.6	42	69.7	30	48.5	35	57.9	26	41.9	41	60.8	28	37.9
80 yrs. and over...	5	32.7	8	45.2	5	33.8	11	62.9	5	33.7	6	34.1	7	46.8	6	34.0	6	40.1	8	45.1	9	45.5	6	24.9
Not stated.	...	.....	...	....	1	....	...	.....	2	.....	...	.....	1	....	...	....	...	.....	...	....	...	.....	...	....
Total.....	749	39.8	578	31.9	741	39.1	574	31.5	678	35.6	559	30.5	625	32.6	460	24.9	570	29.7	441	23.9	642	33.4	458	24.5

*At time of publication, census figures for age groups under 1 to 3 years were not procurable from the Dominion Bureau of Statistics.

TUBERCULOSIS

Death Rates from T.B. by Age Groups for 10 Years, 1932-1941

(Rate per 100,000 Population)

	Under 1 Year		1 Year		2 Years		3 Years		4 Years		5–9		10–14		15–19		20–24	
Year	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1932...	46.5	41.4	46.2	27.1	21.7	22.3	12.2	12.4	12.2	6.3	5.8	13.2	7.3	12.6	30.8	50.1	51.5	77.8
1933...	42.5	34.0	58.6	33.4	27.5	18.8	21.1	9.2	23.9	6.2	9.2	8.3	7.8	11.8	21.4	40.7	48.1	80.6
1934...	19.4	26.7	19.3	23.2	15.1	9.3	20.9	21.3	11.8	3.0	7.9	8.7	5.9	7.9	15.9	40.8	40.4	57.0
1935...	35.3	13.3	31.9	22.9	5.9	30.8	23.7	15.0	8.8	6.1	9.0	11.0	11.8	9.7	30.4	32.5	29.7	57.7
1936...	34.4	3.2	53.0	22.3	20.4	21.0	28.8	2.9	8.5	5.9	13.3	7.3	7.4	8.9	21.0	33.3	37.8	55.7
1937...	31.1	28.9	18.5	19.1	20.2	29.8	8.6	8.7	2.8	8.9	7.1	7.8	6.2	10.0	16.4	25.5	38.2	65.0
1938...	30.9	22.3	21.5	27.7	11.5	11.8	8.5	20.3	11.3	11.8	4.9	8.4	6.2	10.5	15.7	28.4	31.1	46.1
1939...	21.5	15.9	9.2	12.5	11.4	5.9	2.8	11.5	8.4	14.6	5.9	5.0	4.5	8.7	13.4	23.5	26.6	31.8
1940...	9.2	19.0	24.3	15.7	5.7	5.8	5.6	8.6	8.4	8.7	8.1	2.7	2.2	9.8	18.4	18.1	22.2	32.4
1941*..	....	....	....	....	....	....	....	....	15.1	17.0	5.2	4.7	6.6	18.7	17.4	20.3	19.5	34.2

	25–29		30–34		35–39		40–44		45–49		50–59		60–69		70–79		80 and Over	
Year	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1932...	68.3	79.0	71.3	60.8	62.8	33.4	65.3	42.8	50.2	37.3	81.1	51.1	71.2	54.3	69.9	69.5	36.6	65.9
1933...	50.1	85.5	52.9	48.8	55.7	44.2	49.5	40.5	60.4	49.6	65.6	37.5	58.1	46.0	56.5	61.7	65.9	30.0
1934...	56.0	60.6	50.1	57.8	59.7	32.6	52.2	31.3	56.1	31.4	60.1	28.5	78.8	46.3	68.1	59.4	14.1	63.5
1935...	37.3	57.8	45.2	47.9	45.5	37.0	68.7	37.1	44.1	26.2	74.3	37.4	68.9	35.8	69.3	50.4	41.9	35.3
1936...	39.0	59.2	43.3	45.2	56.2	34.6	50.4	29.4	55.1	36.9	70.6	27.3	71.6	43.9	64.1	44.4	32.7	45.2
1937...	38.1	58.2	44.5	36.7	52.2	36.6	50.1	28.4	67.6	22.6	77.7	24.7	77.4	40.1	65.4	57.2	33.8	62.9
1938...	36.5	50.0	47.8	41.7	50.4	25.0	42.0	31.6	58.7	35.6	61.4	31.2	72.6	43.4	70.2	53.6	33.7	34.1
1939...	35.0	46.8	35.5	40.7	38.5	27.9	44.2	22.3	33.0	19.5	75.1	23.9	76.5	38.8	69.7	48.5	46.8	34.0
1940...	22.8	45.3	29.7	34.0	37.7	26.3	42.5	23.9	43.0	18.6	61.4	25.6	70.2	41.3	57.9	41.9	40.1	45.1
1941*..	26.3	38.5	29.5	31.9	36.6	25.5	71.4	27.8	51.9	24.7	59.3	19.3	77.4	27.0	60.8	37.9	45.5	24.9

*At time of publication, census figures for age groups under 1 to 3 years were not procurable from the Dominion Bureau of Statistics.

DEATHS FROM TUBERCULOSIS, BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE, 1941

Counties (Exclusive of Cities, Towns and Villages of 5,000 and over.)	Place of Occurrence		Place of Residence	
	Number	Rate	Number	Rate
Algoma	9	34.3	17	64.8
Brant	32	129.3	12	48.5
Bruce	6	14.3	8	19.1
Carleton	2	5.0	8	20.1
Cochrane	25	48.7	39	76.0
Dufferin	1	7.1	2	14.2
Dundas	2	12.3	2	12.3
Durham	2	9.9	5	24.8
Elgin	2	6.8	8	27.5
Essex	4	6.3	12	19.0
Frontenac	...	....	3	12.7
Glengarry	14	74.7	9	48.0
Grenville	...	....	5	31.2
Grey	1	2.3	2	4.6
Haldimand	2	9.1	4	18.3
Haliburton	...	....	2	29.8
Halton	1	3.5	8	28.0
Hastings	6	15.2	9	22.9
Huron	6	13.7	11	25.1
Kenora	9	56.2	17	106.1
Kent	2	4.0	8	16.3
Lambton	4	10.4	10	26.1
Lanark	2	7.6	5	19.2
Leeds	4	16.1	7	28.3
Lennox and Addington	1	5.4	5	27.0
Lincoln	13	37.3	6	17.2
Manitoulin	9	83.0	10	92.2
Middlesex	85	173.8	10	20.4
Muskoka	59	270.2	9	41.2
Nipissing	3	10.8	13	46.9
Norfolk	4	13.5	7	23.6
Northumberland	1	4.0	3	12.0
Ontario	3	9.0	10	30.3
Oxford	48	146.6	5	15.2
Parry Sound	6	24.6	10	41.1
Peel	3	11.7	8	31.3
Perth	1	3.0	2	6.1
Peterborough	1	4.5	3	13.6
Prescott	6	31.5	11	57.9
Prince Edward	1	5.9	5	29.8
Rainy River	2	15.1	4	30.2
Renfrew	5	13.1	12	31.5
Russell	2	11.4	3	17.2
Simcoe	5	9.1	11	20.1
Stormont	3	11.2	9	33.6
Sudbury	11	22.6	26	53.4
Thunder Bay	7	23.1	24	79.5
Temiskaming	37	73.1	16	31.6
Victoria	...	....	1	5.7
Waterloo	16	50.0	3	9.3
Welland	...	....	9	21.5
Wellington	5	13.8	3	8.2
Wentworth	108	307.6	5	14.2
York	128	55.5	41	17.7
Patricia	2	19.5	5	48.7
Outside of Ontario	...	....	6	....

Cities, Towns and Villages of 5,000 and over.	Place of Occurrence		Place of Residence	
	Number	Rate	Number	Rate
Barrie	...	....	3	30.8
Belleville	4	25.4	7	44.5
Brampton	1	16.6	1	16.6
Brantford	5	15.6	8	25.0
Brockville	2	17.6	2	17.6
Chatham	2	11.5	6	34.5
Cobourg	1	16.7	1	16.7
Collingwood	3	47.8	4	63.7
Cornwall	6	42.5	8	56.6
Dundas	...	....	1	18.9
Eastview	1	12.5	1	12.5
Forest Hill	...	....	...	....
Fort Erie	...	....	2	30.3
Fort Francis	...	....	2	33.9
Fort William	47	153.6	16	52.3
Galt	...	....	2	13.0
Guelph	1	4.2	10	42.9
Hamilton	11	6.6	34	20.4
Hawkesbury	3	47.9	2	31.9
Ingersoll	...	....	...	....
Kenora	7	90.3	5	64.5
Kingston	17	56.4	10	33.2
Kitchener	3	8.4	8	22.4
Leamington	...	....	1	17.0
Leaside	...	....	...	....
Lindsay	3	35.7	5	59.5
London	9	11.5	21	26.8
Long Branch	...	....	1	19.3
Midland	...	....	...	....
Mimico	1	12.3	2	24.7
New Toronto	1	10.5	3	31.5
Niagara Falls	2	9.7	6	29.1
North Bay	2	12.8	5	32.0
Orillia	3	30.6	8	81.6
Oshawa	1	3.7	8	29.8
Ottawa	72	46.4	63	40.6
Owen Sound	2	14.2	5	35.7
Parry Sound	1	17.3	4	69.3
Pembroke	6	53.8	6	53.8
Peterborough	3	11.8	7	27.6
Port Arthur	4	16.3	8	32.7
Port Colborne	...	....	2	28.6
Port Hope	2	39.5	4	79.1
Preston	1	14.9	3	44.7
Renfrew	2	36.2	1	18.1
St. Catharines	1	3.3	3	9.9
St. Thomas	1	5.8	2	11.6
Sarnia	2	10.6	4	21.3
Sault Ste. Marie	2	7.7	5	19.3
Simcoe	3	49.6	3	49.6
Smith's Falls	4	55.8	4	55.8
Stratford	1	5.8	2	11.7
Sudbury	4	12.4	16	49.6
Swansea	...	....	1	14.3
Thorold	...	....	...	....
Timmins	4	13.8	14	48.6
Toronto	100	14.9	200	29.9
Trenton	...	....	1	12.0
Waterloo	...	....	...	....
Welland	...	....	1	8.0
Weston	1	17.4	4	69.6
Whitby	1	16.9	...	....
Windsor	33	31.3	29	27.5
Woodstock	5	40.1	3	24.0
Outside of Ontario	...	....	4	....

CANCER

The following Table shows how deaths and the death rate from Cancer have increased in the last half century:

1891	579— 27.4
1901	1,094— 50.1
1911	1,602— 63.5
1921	2,585— 88.2
1931	3,726—108.6
1941	4,931—130.2

CANCER

NUMBER OF DEATHS AND RATE PER 100,000 POPULATION BY AGE GROUPS

	1937				1938				1939				1940				1941			
	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate
Under 5 yrs.	11	6.5	6	3.6	5	2.9	6	3.6	12	7.0	1	0.6	6	3.5	5	3.0	10	6.6	6	4.0
5 to 9 yrs.	4	2.1	4	2.2	4	1.0	5	2.8	5	2.7	3	1.6	2	1.0	2	1.1	8	5.2	2	1.3
0 " 14 "	5	2.8	3	1.7	6	3.4	7	4.1	8	4.5	3	1.7	2	1.1	6	3.4	3	1.8	1	0.6
5 " 19 "	6	3.3	5	2.9	7	3.9	4	2.3	3	1.6	3	1.7	15	8.3	4	2.3	9	5.2	10	5.9
0 " 24 "	10	6.2	9	5.7	9	5.6	12	7.6	11	6.8	9	5.7	12	7.4	2	1.2	9	5.5	6	3.7
5 " 29 "	13	8.8	19	13.6	14	9.4	14	10.0	12	8.0	13	9.2	8	5.3	12	8.5	9	5.6	13	8.3
0 " 34 "	19	13.6	39	29.2	20	14.2	43	32.0	14	9.9	37	27.4	20	14.1	40	29.5	23	15.8	31	22.0
5 " 39 "	35	25.7	63	48.1	32	23.4	77	58.5	29	21.1	56	42.3	34	24.6	68	51.2	41	29.4	65	50.3
0 " 44 "	70	54.8	103	86.1	56	43.6	117	97.3	47	36.4	109	90.2	59	45.5	131	108.0	71	55.3	125	102.4
5 " 49 "	108	92.4	162	152.6	99	84.2	174	163.2	101	93.2	157	146.4	105	88.5	178	165.5	103	86.2	179	158.1
0 " 54 "	167	168.8	237	254.3	154	154.8	215	229.5	173	172.8	227	241.1	176	175.6	271	286.7	167	151.8	235	225.9
5 " 59 "	219	288.0	258	357.0	186	243.3	290	399.2	227	295.4	266	384.0	276	357.9	288	393.1	242	257.3	301	343.1
0 " 64 "	300	480.7	274	442.6	262	417.5	266	427.4	280	443.5	308	492.4	296	467.7	290	462.1	311	413.2	302	406.0
5 " 69 "	319	638.9	305	607.1	333	663.4	320	633.6	308	609.6	315	619.4	342	675.5	330	647.9	340	589.0	359	612.4
0 " 74 "	332	869.2	337	861.1	329	856.7	322	818.6	357	923.0	320	808.2	357	921.4	339	854.2	379	914.9	309	877.1
5 " 79 "	297	1390.4	307	1394.0	315	1466.4	269	1215.4	303	1531.9	298	1343.5	299	1379.7	303	1356.8	312	1204.1	319	1087.8
0 " 84 "	183	1826.3	150	1329.7	168	1668.2	160	1410.9	186	1732.4	170	1484.7	204	1972.4	170	1486·0	223	1640.8	197	1229.6
5 " 89 "	61	1697.2	71	1500.3	74	2048.1	72	1513.5	74	1989.2	76	1630.8	71	1925.7	78	1624.9	92	1874.0	84	1370.2
0 " +....	13	1145.3	22	1510.9	10	876.4	16	1092.8	18	1682.2	25	1633.8	17	1465.5	27	1824.2	15	1170.0	20	1040.5
Not stated.	1	.....	....	.....	....	.....	....	.....	3	.....	....	.....	2	.....	....	.....	....	.....	....	.....
Total.....	2173	114.9	2374	130.4	2083	109.5	2389	130.6	2171	113.5	2396	130.2	2303	120.1	2544	137.8	2367	123.2	2564	137.4

CANCER

Table showing the distribution of deaths from various types according to class and rates per 100,000 of population as follows:

	1937		1938		1939		1940	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Buccal cavity	166	4 4	157	4.2	154	4.1	175	4.6
Digestive tract	2,314	62.3	2,227	59.5	2,263	60.3	2,388	63.4
Respiratory organs	204	5.4	190	5.0	209	5.5	263	6.9
Uterus	356	9.5	381	10.2	341	9.0	367	9.7
Female genital organs	132	3.5	135	3.6	130	3.4	146	3.8
Breast	464	12.5	496	13.2	532	14.1	533	14.1
Male genito-urinary organs	415	11.1	399	10.6	424	11.2	420	11.1
Skin	89	2.3	83	2.2	94	2.5	85	2.2
Not specified organs	407	10.9	404	10.8	420	11.1	470	12.4
Total	4,547	122.5	4,472	119.8	4,567	121.7	4,847	128.7

1941 CANCER

Rates per 100,000 of population

	1941	
	Number	Rate
Buccal cavity and pharynx	166	4.3
Digestive organs and peritoneum	2,430	64.1
Respiratory organs	276	7.2
Uterus	362	9.5
Other female organs	174	4.5
Breast	542	14.3
Male genital organs	276	7.2
Urinary organs	247	6.5
Skin	93	2.4
Brain	81	2.1
Other and unspecified organs	284	7.4
Total	4,931	130.2

CANCER

Rates per 100,000 of population

	1937				1938			
	Male	Rate	Female	Rate	Male	Rate	Female	Rate
Buccal cavity	131	6.9	35	1.9	126	6.6	31	1.6
Digestive tract	1,247	64.9	1067	58.6	1,200	63.1	1,027	56.1
Respiratory organs	147	7.7	57	3.1	128	6.7	62	3.3
Uterus	.....	.....	356	19.5	.....	.....	381	20.8
Female genital organs	.....	.....	132	7.2	.....	.....	135	7.3
Breast	5	0.2	459	25.2	2	0.1	494	27.0
Male genito-urinary organs	415	21.9	.....	.....	399	20.9	.....	.....
Skin	52	2.7	37	2.0	46	2.4	37	2.0
Not specified organs	176	9.3	231	12.6	182	9.5	222	12.1
Total	2,173	114.9	2,374	120.4	2,083	109.5	2,389	120.6

CANCER

Rates per 100,000 of population

	1939				1940			
	Male	Rate	Female	Rate	Male	Rate	Female	Rate
Buccal cavity	132	6.9	22	1.1	152	7.9	23	1.2
Digestive tract	1,217	63.6	1,046	56.8	1,280	66.7	1,108	60.0
Respiratory organs	156	8.1	53	2.8	198	10.3	65	3.5
Uterus	.....	.....	341	18.5	.....	.....	367	19.8
Female genital organs	.....	.....	130	7.0	.....	.....	146	7.9
Breast	6	0.3	526	28.5	15	0.7	518	28.0
Male genito-urinary organs	424	22.1	.....	.....	420	21.9	.....	.....
Skin	57	2.9	37	2.0	46	2.3	39	2.1
Not specified organs	179	9.3	241	13.0	192	10.0	278	15.0
Total	2,171	113.5	2,396	130.2	2,303	120.1	2,544	137.8

1941 CANCER

Rates per 100,000 of population

	1941			
	Male	Rate	Female	Rate
Buccal cavity and pharynx	139	7.2	27	1.4
Digestive organs and peritoneum	1,304	67.8	1,126	60.2
Respiratory organs	211	10.9	65	3.4
Uterus	.....	.....	362	19.3
Other female organs	.....	.....	174	9.3
Breast	6	0.3	536	28.7
Male genital organs	276	14.3	.....	.....
Urinary organs	170	8.8	77	4.1
Skin	62	3.2	31	1.6
Brain	49	2.5	32	1.7
Other and unspecified organs	150	7.8	134	7.1
Total	2,367	123.2	2,564	137.4

CANCER

The following table shows the difference in rates for the years 1921, 1931 and 1941:

	1921		1931	
	No. of Deaths	Rate	No. of Deaths	Rate
Total	2,585	88.0	3,726	108.5
Buccal cavity	98	3.3	183	5.3
Stomach and liver	860	29.3	1,889	55.0
Peritoneum and intestines	391	13.0		
Female genital organs	236	8.0	367	10.7
Breast	235	8.0	389	11.3
Skin	66	2.2	104	3.0
Other organs	699	24.1	794	23.1

1941

	No. of Deaths	Rate
Total	4,931	130.2
Buccal cavity and pharynx	166	4.3
Digestive organs and peritoneum	2,430	64.1
Respiratory organs	276	7.2
Uterus	362	9.5
Other female organs	174	4.5
Breast	542	14.3
Male genital organs	276	7.2
Urinary organs	247	6.5
Skin	93	2.4
Brain	81	2.1
Other and unspecified organs	284	7.4

DEATH RATES BY AGE GROUPS PER 100,000 POPULATION FROM CANCER

	1936-1940		1941	
	No. of Deaths	Rate	No. of Deaths	Rate
Under 30	420	4.2	86	4.5
30–39	773	28.5	160	28.8
40–49	2,211	93.6	478	98.9
50–59	4,478	261.8	945	338.7
60–69	6,034	535.3	1,312	493.2
70–79	6,323	1,042.6	1,319	934.7
80 and over	2,635	1,581.5	631	1,338.5

INFANT MORTALITY

Deaths of Children Under One Year—Stated Causes of Death

(A) Total Deaths

	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	Mean
Total	4,133	3,804	3,523	3,515	3,416	3,382	3,245	2,979	2,959	3,294	3,425.0
1. Whooping cough	86	84	122	95	78	59	60	54	47	81	76.6
2. Influenza	102	108	49	88	72	131	65	70	76	105	86.6
3. Convulsions	39	32	34	29	32	22	26	15	17	28	27.4
4. Respiratory diseases	485	419	411	409	426	415	421	362	377	380	410 5
5. Diseases of digestive tract	509	544	507	337	381	411	336	264	163	327	377.9
6. Malformations	2,481	455	410	415	434	428	446	429	460	514	447.2
7. Diseases of early infancy	051	1,813	1,660	1,801	1,637	1,618	1,625	1,504	1,529	1,552	1,679.0
8. All others	380	349	330	341	356	298	266	281	290	307	319.8

(B) Rate Per 1,000 Living Births

	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	Mean
Total	61.0	59.6	56.6	55.7	54.4	54.5	49.1	46.0	42.9	45.2	52.1
1. Whooping cough	1.2	1.3	1.9	1.5	1.2	0.9	0.9	0.8	0.6	1.1	1.1
2. Influenza	1.3	1.7	0.7	1.4	1.1	2.1	0.9	1.0	1.1	1.4	1.2
3. Convulsions	0.5	0.5	0.5	0.4	0.5	0.3	0.3	0.2	0.2	0.3	0.3
4. Respiratory diseases	7.2	6.5	6.6	6.4	6.8	6.7	6.4	5.6	5.5	5.2	6.2
5. Diseases of digestive tract	7.5	8.5	8.1	5.3	6.1	6.6	5.1	4.1	2.3	4.5	5.8
6. Malformations	7.1	7.1	6.6	6.6	6.9	6.9	6.8	6.6	6.7	7.1	6.8
7. Diseases of early infancy	30.6	28.5	26.9	28.6	26.2	26.2	24.7	23.4	22.3	21.4	25.8
8. All others	5.6	5.5	5.3	5.5	5.6	4.8	4.0	4.3	4.2	4.2	4.9

Of these infant deaths:

845 or 25.65 per cent. lived less than one day.
731 or 22.19 per cent. lived less than one week.
392 or 11.89 per cent. lived less than one month.
491 or 14.90 per cent. lived less than three months.
440 or 13.35 per cent. lived less than six months.
241 or 7.31 per cent. lived less than nine months.
154 or 4.67 per cent. lived less than one year.

INFANT MORTALITY IN CITIES, TOWNS AND VILLAGES OF 10,000 AND OVER. ONTARIO, 1937-1941.

Cities	Deaths Under 1 Year					Rate per 1000 Live Births				
	1937	1938	1939	1940	1941	1937	1938	1939	1940	1941
Belleville	18	24	32	37	45	47.2	48.6	66.9	60.9	60.6
Brantford	31	33	38	24	38	51.1	56.5	62.0	36.3	48.0
Brockville	.....	.....	.....	.....	22	.....	.....	.....	.....	64.7
Chatham	29	59	32	41	48	43.0	77.2	41.5	46.0	46.8
Cornwall	52	29	35	42	52	89.5	47.3	56.6	63.8	80.4
Forest Hill	.....	.....	1	1	.....	.....	.....	250.0	125.0	.....
Fort William	14	21	24	27	36	27.8	39.3	47.1	47.2	125.8
Galt	7	14	10	14	13	23.7	43.6	35.3	40.1	33.6
Guelph	13	12	12	11	14	43.9	36.2	44.4	40.1	43.0
Hamilton	106	112	90	105	122	38.1	37.4	30.8	32.6	33.4
Kingston	34	50	40	40	61	46.9	66.2	51.0	45.5	57.4
Kitchener	34	46	29	33	35	46.3	57.7	37.4	36.9	32.1
London	54	72	80	67	71	36.6	45.3	49.1	36.2	35.7
Niagara Falls	14	17	15	16	25	34.4	40.3	36.3	32.9	40.5
North Bay	27	28	17	16	28	70.1	67.3	38.6	40.1	63.7
Oshawa	31	29	17	33	25	58.0	49.8	33.7	56.7	38.8
Ottawa	255	191	163	180	219	85.4	60.8	53.3	48.8	54.7
Owen Sound	17	17	23	21	22	52.1	46.7	65.5	56.1	51.6
Pembroke	25	26	19	21	34	96.8	99.9	57.7	64.8	69.2
Peterborough	27	31	33	32	29	42.9	44.2	46.8	44.4	32.9
Port Arthur	20	40	40	25	48	35.3	61.6	63.6	38.8	42.6
St. Catharines	19	33	31	24	27	33.2	51.4	43.7	32.3	28.5
St. Thomas	10	18	8	18	31	33.7	43.9	18.1	32.6	54.1
Sarnia	22	21	22	22	26	52.6	42.9	48.4	41.9	45.7
Sault Ste. Marie	40	37	31	35	37	76.6	59.2	51.4	52.1	46.3
Stratford	18	14	16	15	14	48.6	32.9	41.5	34.4	33.2
Sudbury	80	74	81	94	80	68.6	55.8	55.8	56.4	46.8
Timmins	74	57	51	50	44	91.1	65.2	57.3	49.2	45.8
Toronto	472	500	438	424	453	49.9	47.5	67.4	38.1	36.8
Welland	15	18	17	21	29	48.3	49.4	46.4	48.9	52.7
Windsor	103	79	76	88	87	51.1	35.5	35.4	36.9	31.0
Woodstock	14	14	14	17	17	51.2	49.4	50.4	49.2	55.5

PUERPERAL

Deaths From Specified Puerperal Causes per 100 from all Puerperal Causes by Age—1941

Total	10–54		10–14		15–19		20–24		25–29		30–34		35–39		40–44		45–49		50–54	
Total puerperal causes.	219	100.0	.....		13	100.0	36	100.0	60	100.0	41	100.0	47	100.0	21	100.0	1	100.0	.....	
Abortion with mention of infection.....	33	15.06	.....		2	15.38	8	22.22	7	11.66	9	21.95	6	12.76	1	4.76	.....		.....	
Abortion without mention of infection....	8	3.65	.....		.....		2	5.55	1	1.66	2	4.87	3	6.38	.....		.....		.....	
Ectopic gestation.....	9	4.10	.....		.....				7	11.66	.....		2	4.25	.....		.....		.....	
Hemmorrhage of pregnancy. Death prior to delivery.....	2	0.91	.....		.....		.....		.....		.....		1	2.12	1	4.76	.....		.....	
Toxaemias of pregnancy. Death prior to delivery.....	21	9.58	.....		.....		5	13.88	7	11.66	5	12.19	3	6.38	1	4.76	.....		.....	
Other diseases and accidents of pregnancy. Death prior to delivery.....	7	3.19	.....		1	7.69	1	2.77	2	3.33	.....		3	6.38	.....		.....		.....	
Hemorrhage of childbirth and the puerperium.....	25	11.41	.....		2	15.38	3	8.33	5	8.33	5	12.19	4	8.51	5	23.80	1	100.0	.....	
Infection during childbirth and the puerperium.....	52	23.74	.....		4	30.76	9	25.00	12	20.00	11	26.82	11	23.40	5	23.80	.....		.....	
Puerperal toxaemias following delivery.....	33	15.06	.....		3	23.07	5	13.88	11	18.33	6	14.63	5	10.63	3	14.28	.....		.....	
Other accidents of childbirth.....	20	9.13	.....		1	7.69	3	8.33	4	6.66	3	7.31	7	14.89	2	9.52	.....		.....	
Other and unspecified conditions of childbirth and of the puerperal state.....	9	4.10	.....		.....		.....		4	6.66	.....		2	4.25	3	14.28	.....		.....	

Deaths from Puerperal Causes and from all Causes of Female Deaths

(Showing percent from Puerperal Causes)

Ages 1941	All Causes	Puerperal	% 1941	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean
10–14	119	.....	.....	.....	1.36	0.66	0.65	.....	0.68	.....	.....	.....	0.33
15–19	165	13	7.87	9.99	5.24	8.22	5.83	9.04	8.86	9.18	9.85	12.13	8.62
20–24	221	36	16.28	15.72	20.28	19.38	16.82	19.59	16.52	15.78	23.18	14.83	17.83
25–29	258	60	23.25	20.15	19.80	22.53	18.93	22.75	20.00	19.35	18.77	20.49	20.60
30–34	281	41	14.59	17.83	21.92	20.26	19.07	20.14	20.02	17.26	18.83	19.13	18.90
35–39	366	47	12.84	13.21	13.72	13.33	15.32	13.74	14.91	10.97	16.23	13.38	13.76
40–44	460	21	4.56	6.18	5.20	6.59	4.31	7.54	4.78	4.60	5.96	5.15	5.48
45–49	633	1	0.15	0.89	0.43	0.82	0.48	0.47	0.44	0.15	0.47	0.66	0.49
50–54	801	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.11	.....
55–59	1070	.....	.....	.....	.....	.....	.....	.....	.....	0.95	.....	.....	.....

Number of Puerperal Deaths and Rate per 1,000 Living Births

	Province			Cities			Towns			Rural		
	Births	Deaths	Rate	Births	Deaths	Rate	Births	Deaths	Rate	Births	Deaths	Rate
1932...	66,842	343	5.0	33,018	208	6.3	4,178	36	8.6	29,646	99	3.3
1933...	63,646	346	5.4	31,107	203	6.5	4,114	25	6.0	28,425	118	4.1
1934...	62,234	348	5.6	30,309	210	6.9	3,876	27	6.9	28,049	111	3.9
1935...	63,069	313	4.9	31,700	246	7.7	3,943	24	6.0	27,426	43	1.5
1936...	62,451	355	5.6	32,425	211	6.5	4,044	24	5.9	25,982	120	4.6
1937...	61,645	319	5.1	32,420	195	6.0	4,164	30	7.2	25,051	94	3.7
1938...	65,564	251	3.8	35,194	155	4.4	4,542	26	5.7	25,828	70	2.7
1939...	64,123	276	4.4	34,780	179	5.1	4,557	22	4.8	24,780	75	3.0
1940...	68,524	254	3.7	38,804	150	3.8	4,949	26	5.2	24,771	78	3.1
1941...	72,262	219	3.0	42,875	141	3.2	5,502	20	3.6	23,885	58	2.4

MATERNAL MORTALITY, ONTARIO, 1941

Cities, Towns and Villages (5,000 population and over)	Total.		Institutional		Non-institutional	
	Live births	Deaths from puerperal causes	Live births	Deaths from puerperal causes	Live births	Deaths from puerperal causes
Barrie	413	...	365	...	48	...
Belleville	742	4	697	4	45	...
Brampton	246	...	240	...	6	...
Brantford	791	1	715	1	76	...
Brockville	340	1	326	1	14	...
Chatham	1,025	3	906	3	119	...
Cobourg	190	...	162	...	28	...
Collingwood	210	2	181	2	29	...
Cornwall	646	4	542	4	104	...
Dundas	30	...	...	...	30	...
Eastview	129	1	...	...	129	1
Forest Hill	3	...	...	...	3	...
Fort Erie	208	1	191	1	17	...
Fort Francis	169	...	68	...	101	...
Fort William	286	2	233	2	53	...
Galt	386	1	340	1	46	...
Guelph	325	2	280	2	45	...
Hamilton	3,643	12	3,358	12	285	...
Hawkesbury	261	2	118	2	143	...
Ingersoll	194	2	172	2	22	...
Kenora	254	1	251	1	3	...
Kingston	1,080	4	1,015	4	65	...
Kitchener	1,090	3	966	2	124	1
Leamington	240	...	148	...	92	...
Leaside	2	...	...	...	2	...
Lindsay	338	2	313	1	25	1
London	1,984	6	1,783	5	201	1
Long Branch	33	...	1	...	32	...
Midland	252	...	216	...	36	...
Mimico	123	...	90	...	33	...
New Toronto	32	...	...	...	32	...
Niagara Falls	616	2	581	2	35	...
North Bay	439	...	323	...	116	...
Orillia	339	2	227	2	112	...
Oshawa	644	3	550	3	94	...
Ottawa	3,998	12	3,589	12	409	...
Owen Sound	426	2	321	...	105	2
Parry Sound	409	3	373	3	36	...
Pembroke	491	...	380	...	111	...
Peterborough	881	6	818	5	63	1
Port Arthur	1,126	1	1,105	1	21	...
Port Colborne	112	...	1	...	111	...
Port Hope	156	...	149	...	7	...
Preston	18	...	1	...	17	...
Renfrew	190	...	162	...	28	...
St. Catharines	946	2	786	1	160	1
St. Thomas	572	3	552	2	20	1
Sarnia	568	1	516	1	52	...
Sault Ste. Marie	798	5	642	3	156	2
Simcoe	381	3	362	3	19	...
Smiths Falls	189	1	175	1	14	...
Stratford	421	...	372	...	49	...
Sudbury	1,707	3	1,107	3	600	...
Swansea	5	...	...	...	5	...
Thorold	82	...	66	...	16	...
Timmins	959	2	412	1	547	1
Toronto	12,286	36	11,009	33	1,277	3
Trenton	134	...	3	...	131	...
Waterloo	37	...	1	...	36	...
Welland	550	5	491	5	59	...
Weston	108	...	42	...	66	...
Whitby	18	...	...	...	18	...
Windsor	2,800	12	2,275	11	525	1
Woodstock	306	3	284	3	22	...
Total cities, towns and villages of 5,000 and over	48,377	161	41,352	145	7,025	16
Remainder of Province	23,885	58	7,429	33	16,456	25
Grand total	72,262	219	48,781	178	23,481	41

Deaths of Women Not Classified to Pregnancy or Child-Bearing but Returned as Associated Therewith, Ontario, 1941

Int. List No.	Causes of Death	Number
13	Tuberculosis of the respiratory system	
13b	Without mention of occupational diseases of the lungs	5
13c	Unspecified site	1
14	Tuberculosis of the meninges and central nervous system	1
30	Syphilis:	
30d	Others under this title	1
33	Influenza:	
33a	With respiratory complications	1
33b	Without respiratory complications	1
35	Measles	1
37	Acute infectious encephalitis	1
46	Cancer of the digestive organs and peritoneum:	
46f	Liver and biliary passages	1
56	Non-malignant tumours:	
56a	Ovary	1
63	Diseases of the thyroid and parathyroid glands:	
63b	Exophthalmic goitre	1
81	Meningitis (non-meningococcal):	
81a	Simple meningitis	1
83	Intracranial lesions of vascular origin:	
83a	Cerebral haemorrhage or effusion	1
87	Other diseases of the nervous system:	
87d	Disseminated sclerosis	1
91	Acute endocarditis (non-rheumatic):	
91a	Bacterial endocarditis (acute, subacute or unspecified)	1
92	Chronic affections of the valves and endocardium:	
92a	Specified valvular diseases (rheumatic)	3
92b	Other specified valvular diseases (non-rheumatic)	2
93	Diseases of the myocardium:	
93d	Chronic myocarditis (non-rheumatic)	2
107	Broncho pneumonia	1
108	Lobar pneumonia	1
109	Pneumonia (unspecified)	1
120	Diarrhoea and enteritis (2 years of age and over):	
120b	Ulceration of the intestines	1
121	Appendicitis	2
122	Hernia, intestinal obstruction:	
122a	Hernia	1
122b	Intestinal obstruction	4
131	Chronic nephritis	4
186	Accidental injury by fall or crushing	1
	Total	42

SPECIAL CLASSES OF ACCIDENTAL DEATHS IN ONTARIO, 1941

(Included also under the numbers of the International List)

Int. List No.	Cause of Death	Male	Female
	A.—Accidental absorption of poisonous gas	10	6
180	Conflagration	10	6
	B.—Accidental burns (conflagration excepted)	76	32
169	Railway accidents (excluding motor vehicles)	4	..
170a	Collision with trains	2	..
170c	Automobile accidents (excluding trains or street-cars)	6	3
173	Air transport accidents	27	1
175a	Accidents involving agricultural machinery and vehicles	1	..
175c	Other agricultural accidents	1	..
180	Conflagration	35	28
	C.—Accidental mechanical suffocation	4	..
172	Water transport accidents	1	..
174	Accidents in mines and quarries	2	..
176	Other accidents involving machinery	1	..
	D.—Accidental drowning	102	14
170c	Automobile accidents (excluding trains or street-cars)	5	2
171b	Other road transport accidents (excluding street-cars)	4	3
172	Water transport accidents	82	9
173	Air transport accidents	6	..
175c	Other agricultural accidents	2	..
175e	Other forestry accidents	3	..
	E.—Accidental cutting or piercing	17	5
170c	Automobile accidents (excluding trains or street-cars)	6	4
173	Air transport accidents	1	..
175a	Accidents involving agricultural machinery and vehicles	3	..
175c	Other agricultural accidents	2	..
175d	Accidents involving forestry machinery and vehicles	1	..
176	Other accidents involving machinery	4	1
	F.—Accidental fall	77	7
169	Railway accidents (excluding motor vehicles)	10	..
170a	Collisions with trains	1	..
170c	Automobile accidents (excluding trains or street-cars)	17	4
170d	Motorcycle accidents (excluding automobiles)	1	..
171a	Street-car accidents (excluding trains and motor vehicles)	1	..
171b	Other road transport accidents (excluding street-cars)	8	2
172	Water transport accidents	1	..
174	Accidents in mines and quarries	12	..
175a	Accidents involving agricultural machinery and vehicles	11	..
175b	Injury by animals, in agriculture	1	..
175c	Other agricultural accidents	11	..
176	Other accidents involving machinery	3	..
180	Conflagration	..	1
	G.—Accidental crushing	932	176
169	Railway accidents (excluding motor vehicles)	83	11
170a	Collisions with trains	30	15
170b	Collisions with street-cars	5	1
170c	Automobile accidents (excluding trains or street-cars)	553	141
170d	Motorcycle accidents (excluding automobiles)	5	..
171a	Street-car accidents (excluding trains and motor vehicles)	14	3
171b	Other road transport accidents (excluding street-cars)	6	1
173	Air transport accidents	112	2
174	Accidents in mines and quarries	40	..
175a	Accidents involving agricultural machinery and vehicles	18	..
175b	Injury by animals, in agriculture	14	..
175c	Other agricultural accidents	7	..
175e	Other forestry accidents	14	..
176	Other accidents involving machinery	31	2

VIOLENT OR ACCIDENTAL DEATHS (Excluding Suicides)

RATES PER 100,000 OF POPULATION

	1932		1933		1934		1935		1936		1937		1938		1939		1940		1941	
Automobiles.	497	14.30	416	11.80	528	14.81	571	15.87	564	15.28	774	20.85	677	18.14	682	18.17	756	20.09	835	22.04
Burns.....	124	3.56	114	3.23	115	3.22	109	3.03	113	3.06	103	2.77	107	2.86	81	2.15	75	1 99	101	2.66
Drowning...	361	10.38	314	8.91	271	7.68	269	7.47	230	6.23	305	8.21	287	7.69	278	7.40	276	7.33	207	5.46
Railroads...	97	2.79	86	2.44	91	2.55	83	2.30	97	2.62	93	2.50	67	1.79	79	2.10	83	2.20	109	2.87
All Other Accidents.	1069	30.75	982	27.86	1170	32.83	1273	35.39	1892	51.27	1210	32.59	1256	33.66	1241	33.07	1396	37.09	1734	45.78

SUICIDES

In 1941 there were 319 suicides. The rate per 100,000 of population was 8.4, just 0.6 less than for 1940.

Of these, 217 or 68.02 were males and 102 or 31.97 females.

	Total		Under 20		20-39		40-59		60 and over	
	No.	%	No.	%	No.	%	No.	%	No.	%
Males....	217	100	5	23.04	58	26.72	98	45.16	56	25.80
Females..	102	100	1	0.98	39	38.32	41	40.19	21	20.58
Total..	319	100	6	18.80	97	30.40	139	43.57	77	24.13

Method of suicide over a ten-year period is shown in the following table:

	Total	Rate	Poison	Gas	Hanging	Drowning	Shooting	Cutting	Jumping	Crushing	Others
1932	423	12.2	92	53	74	66	92	29	13	4	.....
1933	366	10.3	86	41	88	38	68	29	12	1	3
1934	360	10.1	90	31	61	55	71	32	11	4	5
1935	367	10.2	73	41	82	43	63	27	27	5	6
1936	398	10.7	68	33	90	65	79	25	23	6	9
1937	366	9.8	71	36	75	53	72	26	23	3	7
1938	360	9.6	71	41	81	46	64	21	26	5	5
1939	357	9.5	60	38	84	48	77	24	13	7	6
1940	340	9.0	42	42	91	43	81	18	14	4	5
1941	319	8.4	51	28	74	45	65	20	24	8	4

Table 1—General Summary of Births, Deaths and Marriages in the Province of Ontario by County Municipalities (including Cities, Towns, and Villages), 1941

COUNTIES	Census population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000 of population	DEATHS									Ratio per 1,000 of population	Stillbirths	Marriages	Ratio per 1,000 of population
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Total	3,787,655	72,262	37,254	35,008	19.0	39,226	21,549	17,677	1,910	1,384	329	277	19,310	16,016	10.3	2,084	43,270	11.4
Algoma	52002	1164	610	554	22.3	493	298	195	43	19	9	10	246	166	9.4	25	548	10.5
Brant	56695	1108	523	585	19.5	717	372	345	29	26	7	8	336	311	12.6	24	663	11.6
Bruce	41680	743	383	360	17.8	499	260	239	20	15	3	3	237	221	11.9	20	342	8.2
Carleton	202520	4357	2330	2027	21.5	2141	1151	990	129	102	21	14	1001	874	10.5	146	2514	12.4
Cochrane	80089	2284	1185	1099	28.5	516	337	179	78	57	17	10	242	112	6.4	64	701	8.7
Dufferin	14075	253	119	134	17.9	149	86	63	7	1	1	...	78	62	10.5	7	103	7.3
Dundas	16210	244	138	106	15.0	192	104	88	8	8	1	2	95	78	11.8	5	136	8.3
Durham	25215	379	210	169	15.0	278	156	122	10	5	2	...	144	117	11.0	18	218	8.6
Elgin	46150	765	385	380	16.5	579	333	246	19	16	4	1	310	229	12.5	15	544	11.7
Essex	174230	3690	1898	1792	21.1	1463	831	632	69	48	8	11	754	573	8.3	91	2180	12.5
Frontenac	53717	1279	645	634	23.8	800	431	369	31	39	14	5	386	325	14.8	46	584	10.8
Glengarry	18732	266	145	121	14.2	175	89	86	12	10	...	1	77	75	9.3	9	156	8.3
Grenville	15989	146	82	64	9.1	180	112	68	9	3	1	1	102	64	11.2	8	125	7.8
Grey	57160	1055	544	511	18.4	656	344	312	24	22	4	6	316	284	11.4	34	499	8.7
Haldimand	21854	329	177	152	15.0	242	135	107	9	4	2	...	124	103	11.0	9	240	10.9
Haliburton	6695	125	65	60	18.6	57	28	29	3	6	...	1	25	22	8.5	6	38	5.6
Halton	28515	246	118	128	8.6	234	133	101	3	6	2	3	128	92	8.2	4	297	10.4
Hastings	63322	1497	766	731	23.6	740	409	331	49	40	10	5	350	286	11.6	30	726	11.4
Huron	43742	830	451	379	18.9	542	295	247	18	8	3	1	274	238	12.3	23	365	8.3
Kenora	23759	475	245	230	19.9	217	149	68	13	9	7	3	129	56	9.1	17	188	7.9
Kent	66346	1482	806	676	22.3	712	381	331	40	27	8	10	333	294	10.7	33	760	11.4
Lambton	56925	1014	513	501	17.8	614	326	288	29	12	4	4	293	272	10.7	29	524	9.2
Lanark	33143	670	342	328	20.2	412	195	217	10	12	1	2	184	203	12.4	20	286	8.6
Leeds	36042	645	343	302	17.8	516	261	255	24	14	3	1	234	240	14.3	28	375	10.4
Lennox & Addington	18469	212	104	108	11.4	193	109	84	15	4	...	...	94	80	10.4	8	170	9.2
Lincoln	65066	1238	619	619	19.0	614	346	268	27	16	7	6	312	246	9.4	29	760	11.6
Manitoulin	10841	265	132	133	24.4	139	74	65	10	7	3	3	61	55	12.8	7	65	5.9
Middlesex	127166	2407	1214	1193	18.9	1666	905	761	51	31	11	11	843	719	13.1	71	1499	11.7
Muskoka	21835	338	175	163	15.4	281	165	116	12	13	2	1	151	102	12.8	17	275	12.5
Nipissing	43315	1155	591	564	26.6	382	227	155	51	36	11	7	165	112	8.8	33	400	9.2
Norfolk	35611	656	319	337	18.4	371	197	174	13	20	7	4	177	150	10.4	18	286	8.0
Northumberland	30786	449	215	234	14.5	363	193	170	10	12	3	2	180	156	11.7	10	236	7.6
Ontario	65718	932	479	453	14.1	672	346	326	21	18	2	3	323	305	10.2	35	657	9.9
Oxford	50974	1027	511	516	20.1	680	365	315	28	21	7	1	330	293	13.3	25	526	10.3
Parry Sound	30083	751	394	357	24.9	286	167	119	22	25	1	1	144	93	9.5	16	310	10.3
Peel	31539	356	172	184	11.2	263	148	115	1	7	1	...	146	108	8.3	11	283	8.9
Perth	49694	886	481	405	17.8	570	303	267	25	12	2	3	276	252	11.4	20	483	9.7
Peterborough	47392	1066	527	539	22.4	542	293	249	26	14	3	2	264	233	11.4	40	462	9.7
Prescott	25261	737	381	356	29.1	283	151	132	46	18	4	5	101	109	11.2	20	233	9.2
Prince Edward	16750	282	134	148	16.8	223	110	113	12	7	1	...	97	106	13.3	5	160	9.5
Rainy River	19132	423	223	200	22.1	132	79	53	10	13	1	2	68	38	6.8	11	174	9.0
Renfrew	54720	1110	556	554	20.2	557	297	260	27	41	5	4	265	215	10.1	52	566	10.3
Russell	17448	403	235	168	23.1	151	79	72	16	11	3	2	60	59	8.6	7	151	8.6
Simcoe	87057	1770	937	833	20.3	1105	629	476	58	34	11	10	560	432	12.6	69	1035	11.8
Stormont	40905	1032	537	495	25.2	452	264	188	44	23	5	7	215	158	11.0	24	410	10.0
Sudbury	80815	2610	1329	1281	32.2	592	396	196	100	40	14	12	282	144	7.3	58	842	10.4
Thunder Bay	85200	1749	892	857	20.5	738	503	235	59	43	8	2	436	190	8.6	30	991	11.6
Timiskaming	50604	1426	738	688	28.1	395	254	141	47	31	5	6	202	104	7.8	31	428	8.4
Victoria	25934	491	262	229	18.9	337	189	148	11	11	1	1	177	136	12.9	12	261	10.0
Waterloo	98720	1851	952	899	18.7	929	486	443	30	32	4	5	452	406	9.4	51	1094	11.0
Welland	93836	1858	949	909	19.7	815	460	355	48	35	6	4	406	316	8.6	50	1349	14.3
Wellington	59453	1035	534	501	17.4	703	361	342	38	18	4	2	319	322	11.8	44	594	9.9
Wentworth	206721	3814	1979	1835	18.4	2284	1236	1048	79	53	14	19	1143	976	11.0	119	2686	12.9
York	951549	14801	7619	7182	15.5	9363	4984	4379	284	228	51	47	4649	4104	9.8	448	12743	13.3
District of Patricia	10254	86	41	45	8.3	21	17	4	3	1	...	3	14	....	2.0	2	29	2.8

Table 2—Number of Births, Deaths and Marriages, and the ratio per 1,000 of population in each County (excluding Cities, Towns, and Villages of 5,000 population and over), Ontario, 1941

COUNTIES	Census population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000 of population	DEATHS									Ratio per 1,000 of population	Stillbirths	Marriages	Ratio per 1,000 of population
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Total, including all municipalities.....	3,787,655	72,262	37,254	35,008	19.0	39,226	21,549	17,677	1,910	1,384	329	277	19,310	16,016	10.3	2,084	43,270	11.4
Total, excluding cities, towns and villages of 5,000 and over..	1,827,431	23,885	12,336	11,549	13.0	15,884	8,921	6,963	708	501	135	120	8,078	6,342	8.6	638	13,081	7.1
Algoma.....	26208	366	195	171	13.9	214	138	76	17	8	8	8	113	60	8.1	8	148	5.6
Brant.....	24747	317	140	177	12.8	284	147	137	8	9	2	4	137	124	11.4	5	157	6.3
Bruce.....	41680	743	383	360	17.8	499	260	239	20	15	3	3	237	221	11.9	20	342	8.2
Carleton.....	39603	230	124	106	5.8	216	113	103	4	5	2	1	107	97	5.4	7	306	7.7
Cochrane.....	51299	1325	678	647	25.8	327	218	109	57	34	11	9	150	66	6.3	28	334	6.5
Dufferin.....	14075	253	119	134	17.9	149	86	63	7	1	1	...	78	62	10.5	7	103	7.3
Dundas.....	16210	244	138	106	15.0	192	104	88	8	8	1	2	95	78	11.8	5	136	8.3
Durham.....	20160	223	129	94	11.0	200	123	77	6	2	2	..	115	75	9.9	10	152	7.5
Elgin.....	29018	193	104	89	6.6	293	181	112	2	2	2	1	177	109	10.0	5	268	9.2
Essex.....	63061	650	328	322	10.3	347	211	136	15	7	2	2	194	127	5.5	12	442	7.0
Frontenac.....	23591	199	93	106	8.4	240	135	105	4	5	3	...	128	100	10.1	3	102	4.3
Glengarry.....	18732	266	145	121	14.2	175	89	86	12	10	...	1	77	75	9.3	9	156	8.3
Grenville.....	15989	146	82	64	9.1	180	112	68	9	3	1	1	102	64	11.2	8	125	7.8
Grey.....	43158	629	328	301	14.5	453	236	217	10	14	2	3	224	200	10.4	11	307	7.1
Haldimand.....	21854	329	177	152	15.0	242	135	107	9	4	2	..	124	103	11.0	9	240	10.9
Haliburton.....	6695	125	65	60	18.6	57	28	29	3	6	...	1	25	22	8.5	6	38	5.6
Halton.....	28515	246	118	128	8.6	234	133	101	3	6	2	3	128	92	8.2	4	297	10.4
Hastings.....	39289	621	315	306	15.8	386	220	166	21	16	3	4	196	146	9.8	14	300	7.6
Huron.....	43742	830	451	379	18.9	542	295	247	18	8	3	1	274	238	12.3	23	365	8.3
Kenora.....	16014	221	115	106	13.8	133	100	33	9	3	6	1	85	29	8.3	8	91	5.6
Kent.....	48977	457	249	208	9.3	372	193	179	9	10	6	5	178	164	7.5	10	414	8.4
Lambton.....	38191	446	210	236	11.6	386	211	175	10	5	2	2	199	168	10.1	15	275	7.1
Lanark.....	25984	481	248	233	18.5	284	132	152	9	10	1	1	122	141	10.9	12	196	7.5
Leeds.....	24700	305	159	146	12.3	318	156	162	11	5	1	...	144	157	12.8	7	181	7.3
Lennox & Addington..	18469	212	104	108	11.4	193	109	84	15	4	...	...	94	80	10.4	8	170	9.2
Lincoln.....	34791	292	140	152	8.3	265	142	123	8	8	1	2	133	113	7.6	7	266	7.6
Manitoulin.....	10841	265	132	133	24.4	139	74	65	10	7	3	3	61	55	12.8	7	65	5.9
Middlesex.....	48902	423	211	212	8.6	542	319	223	3	8	1	3	315	212	11.0	10	335	6.8
Muskoka.....	21835	338	175	163	15.4	281	165	116	12	13	2	1	151	102	12.8	17	275	12.5
Nipissing.....	27716	716	367	349	25.8	222	139	83	36	23	8	6	95	54	8.0	17	158	5.7
Norfolk.....	29574	275	141	134	9.2	236	122	114	6	9	3	3	113	102	7.9	7	194	6.5
Northumberland.....	24813	259	110	149	10.4	238	133	105	7	8	2	1	124	96	9.5	8	169	6.8
Ontario.....	33001	270	139	131	8.1	261	135	126	9	4	...	1	126	121	7.9	5	224	6.7
Oxford.....	32731	527	279	248	16.1	382	217	165	16	14	2	...	199	151	11.6	14	279	8.5
Parry Sound.....	24318	342	183	159	14.0	179	106	73	11	11	...	...	95	62	7.3	9	142	5.8
Peel.....	25519	110	58	52	4.3	184	112	72	1	1	...	...	111	71	7.2	3	215	8.4
Perth.....	32656	465	262	203	14.2	342	177	165	15	8	1	2	161	155	10.4	8	273	8.3
Peterborough.....	22042	185	91	94	8.3	173	86	87	6	5	1	1	79	81	7.8	8	100	4.5
Prescott.....	18998	476	260	216	25.0	196	104	92	26	8	3	4	75	80	10.3	13	157	8.2
Prince Edward.....	16750	282	134	148	16.8	223	110	113	12	7	1	...	97	106	13.3	5	160	9.5
Rainy River.....	13235	254	130	124	19.1	97	59	38	7	10	1	1	51	27	7.3	8	62	4.6
Renfrew.....	38050	429	212	217	11.2	283	155	128	8	16	1	1	146	111	7.4	28	254	6.6
Russell.....	17448	403	235	168	23.1	151	79	72	16	11	3	2	60	59	8.6	7	151	8.6
Simcoe.....	54464	556	303	253	10.2	551	325	226	11	11	8	5	306	210	10.1	17	438	8.0
Stormont.....	26788	386	197	189	14.4	176	101	75	11	4	2	5	88	66	6.5	9	107	3.9
Sudbury.....	48612	903	447	456	18.5	303	211	92	47	13	8	8	156	71	6.2	19	304	6.2
Thunder Bay.....	30189	337	173	164	11.1	151	116	35	10	8	3	...	103	27	5.0	8	118	3.9
Timiskaming.....	50604	1426	738	688	28.1	395	254	141	47	31	5	6	202	104	7.8	31	428	8.4
Victoria.....	17531	153	88	65	8.7	189	107	82	5	4	...	...	102	78	10.7	1	111	6.3
Waterloo.....	31988	320	168	152	10.0	244	121	123	3	9	1	1	117	113	7.6	7	286	8.9
Welland.....	41854	290	149	141	6.9	239	136	103	9	6	2	2	125	95	5.7	7	277	6.6
Wellington.....	36180	710	370	340	19.6	468	253	215	28	14	3	...	222	201	12.9	35	284	7.8
Wentworth.....	35108	141	82	59	4.0	426	233	193	4	4	1	...	228	189	12.1	...	203	5.7
York.....	230678	2209	1124	1085	9.5	1411	748	663	25	25	3	6	720	632	6.1	67	1372	5.9
District of Patricia...	10254	86	41	45	8.3	21	17	4	3	1	...	3	14	....	2.0	2	29	2.8

Table 3—General Summary of Births, Deaths and Marriages in the Province of Ontario for Cities, Towns, and Villages of 10,000 Population and Over, 1941

CITIES, TOWNS, AND VILLAGES	Census Population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000 of population	DEATHS									Ratio per 1,000 of population	Stillbirths	Marriages	Ratio per 1,000 of population
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Total	1,742,415	42,875	22,142	20,733	24.6	20,733	11,282	9,451	10,061	771	174	139	10,047	8,541	11.9	1,283	26,889	15.4
Belleville	15710	742	397	345	47.2	303	170	133	26	19	5	1	139	113	19.2	15	275	17.5
Brantford	31948	791	383	408	24.7	433	225	208	21	17	5	4	199	187	13.5	19	506	15.8
Brockville	11342	340	184	156	29.9	198	105	93	13	9	2	1	90	83	17.4	21	194	17.1
Chatham	17369	1025	557	468	59.0	340	188	152	31	17	2	5	155	130	19.5	23	346	19.9
Cornwall	14117	646	340	306	45.7	276	163	113	33	19	3	2	127	92	19.5	15	303	21.4
Forest Hill	11757	3	2	1	0.2	33	16	17	...	...	...	1	16	16	2.8	...	30	2.5
Fort William	30585	286	141	145	9.3	297	188	109	21	15	...	...	167	94	9.7	8	497	16.2
Galt	15346	386	194	192	25.1	200	107	93	7	6	1	1	99	86	13.0	13	175	11.4
Guelph	23273	325	164	161	13.9	235	108	127	10	4	1	2	97	121	10.0	9	310	13.3
Hamilton	166337	3643	1886	1757	21.9	1798	974	824	74	48	13	19	887	757	10.8	119	2405	14.4
Kingston	30126	1080	552	528	35.8	560	296	264	27	34	11	5	258	225	18.5	43	482	16.0
Kitchener	35657	1090	560	530	30.5	399	212	187	19	16	2	2	191	169	11.1	30	48	12.5
London	78264	1984	1003	981	25.3	1124	586	538	48	23	10	8	528	507	14.3	61	1164	14.8
Niagara Falls	20589	616	329	287	29.9	222	130	92	12	13	2	1	116	78	10.7	20	428	20.7
North Bay	15599	439	224	215	28.1	160	88	72	15	13	3	1	70	58	10.2	16	242	15.5
Oshawa	26813	644	330	314	24.0	237	123	114	11	14	2	2	110	98	8.8	29	369	13.7
Ottawa	154951	3998	2132	1866	25.8	1895	1024	871	124	95	19	13	881	763	12.2	134	2126	13.7
Owen Sound	14002	426	216	210	30.4	203	108	95	14	8	2	3	92	84	14.4	23	192	13.7
Pembroke	11159	491	251	240	44.0	180	87	93	12	22	3	3	72	68	16.1	22	236	21.1
Peterborough	25350	881	436	445	34.7	369	207	162	20	9	2	1	185	152	14.5	32	362	14.2
Port Arthur	24426	1126	578	548	46.1	290	199	91	28	20	5	2	166	69	11.8	14	376	15.3
St. Catharines	30275	946	479	467	31.2	349	204	145	19	8	6	4	179	133	11.5	22	494	16.2
St. Thomas	17132	572	281	291	33.3	286	152	134	17	14	2	...	133	120	16.6	10	276	16.1
Sarnia	18734	568	303	265	30.3	228	115	113	19	7	2	2	94	104	12.1	14	249	13.2
Sault Ste. Marie	25794	798	415	383	30.9	279	160	119	26	11	1	2	133	106	10.8	17	400	15.5
Stratford	17038	421	219	202	24.7	228	126	102	10	4	1	1	115	97	13.3	12	210	12.3
Sudbury	32203	1707	882	825	53.0	289	185	104	53	27	6	4	126	73	8.9	39	538	16.7
Timmins	28790	959	507	452	33.3	189	119	70	21	23	6	1	92	46	6.5	36	367	12.7
Toronto	667457	12286	6334	5952	18.4	7687	4102	3585	252	201	47	38	3803	3346	11.5	366	10783	16.1
Welland	12500	550	272	278	44.0	187	110	77	17	12	1	1	92	64	14.9	18	291	23.2
Windsor	105311	2800	1450	1350	26.5	1038	587	451	50	37	5	9	532	405	9.8	75	1646	15.6
Woodstock	12461	306	141	165	24.5	221	118	103	11	6	4	...	103	97	17.7	8	169	13.5

Table 4—General Summary of Births, Deaths and Marriages for Towns and Villages of 5,000 to 10,000 Population, in the Province of Ontario, 1941

TOWNS AND VILLAGES 5,000 to 10,000 population	Census Population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000 of population	DEATHS									Ratio per 1,000 of population	Stillbirths	Marriages	Ratio per 1,000 of population
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Total	217,809	5,502	2,776	2,726	25.2	2,609	1,346	1,263	141	112	20	18	1,185	1,133	11.9	163	3,300	15.1
Barrie	9725	413	219	194	42.4	147	82	65	14	6	...	2	68	57	15.1	20	230	23.6
Brampton	6020	246	114	132	40.8	79	36	43	...	6	1	...	35	37	13.1	8	68	11.2
Cobourg	5973	190	105	85	31.8	125	60	65	3	4	1	1	56	60	20.9	2	67	11.2
Collingwood	6270	210	100	110	33.4	127	65	62	4	3	1	...	60	59	20.2	12	76	12.1
Dundas	5276	30	11	19	5.6	60	29	31	1	1	...	...	28	30	11.3	...	78	14.7
Eastview	7966	129	74	55	16.1	30	14	16	1	2	...	...	13	14	3.7	5	82	10.2
Fort Erie	6595	208	105	103	31.5	85	50	35	7	1	1	...	42	34	12.8	2	128	19.4
Fort Francis	5897	169	93	76	28.6	35	20	15	3	3	...	1	17	11	5.9	3	112	18.9
Hawkesbury	6263	261	121	140	41.6	87	47	40	20	10	1	1	26	29	13.8	7	76	12.1
Ingersoll	5782	194	91	103	33.5	77	30	47	1	1	1	1	28	45	13.3	3	78	13.4
Kenora	7745	254	130	124	32.7	84	49	35	4	6	1	2	44	27	10.8	9	97	12.5
Leamington	5858	240	120	120	40.9	78	33	45	4	4	1	...	28	41	13.3	4	92	15.7
Leaside	6183	2	2	....	0.3	19	10	9	...	...	...	...	10	9	3.0	...	92	14.8
Lindsay	8403	338	174	164	40.2	148	82	66	6	7	1	1	75	58	17.6	11	150	17.8
Long Branch	5172	33	19	14	6.3	15	9	6	1	...	1	...	7	6	2.9	2	89	17.2
Midland	6800	252	140	112	37.0	92	56	36	17	5	...	...	39	31	13.5	9	95	13.9
Mimico	8070	123	62	61	15.2	49	24	25	4	...	...	1	20	24	6.0	8	95	11.7
New Toronto	9504	32	18	14	3.3	92	44	48	...	1	...	...	44	47	9.6	2	95	9.9
Orillia	9798	339	175	164	34.5	188	101	87	12	9	2	3	87	75	19.1	11	196	19.9
Parry Sound	5765	409	211	198	70.9	107	61	46	11	14	1	1	49	31	18.5	7	168	29.1
Port Colborne	6993	112	50	62	16.0	37	14	23	2	3	...	...	12	20	5.2	1	97	13.8
Port Hope	5055	156	81	75	30.8	78	33	45	4	3	...	...	29	42	15.4	8	66	13.0
Preston	6704	18	11	7	2.6	41	23	18	...	...	...	1	23	17	6.1	...	78	11.6
Renfrew	5511	190	93	97	34.4	94	55	39	7	3	1	...	47	36	17.0	2	76	13.7
Simcoe	6037	381	178	203	63.1	135	75	60	7	11	4	1	64	48	22.3	11	92	15.2
Smith's Falls	7159	189	94	95	26.3	128	63	65	1	2	...	1	62	62	17.8	8	90	12.5
Swansea	6988	5	3	2	0.7	32	17	15	1	1	...	...	16	14	4.5	1	90	12.8
Thorold	5305	82	44	38	15.4	45	20	25	1	...	...	...	19	25	8.4	2	128	24.1
Trenton	8323	134	54	80	16.0	51	19	32	2	5	2	...	15	27	6.1	1	151	18.1
Waterloo	9025	37	19	18	4.0	45	23	22	1	1	...	...	22	21	4.9	1	107	11.8
Weston	5740	108	55	53	18.8	25	14	11	1	...	...	1	13	10	4.3	2	97	16.8
Whitby	5904	18	10	8	3.0	174	88	86	1	...	...	...	87	86	29.4	1	64	10.8

Table 5—General Summary of Births, Deaths and Marriages in the Province of Ontario for Towns and Villages of 1,000 Population and under 5,000—1941

Towns and Villages 1,000 and over and under 5,000	Census population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000	DEATHS									Ratio per 1,000	Still-births	Marriages	Ratio per 1,000
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Total	308642	7778	4038	3740	25.2	3945	2124	1821	211	152	35	31	1878	1638	12.7	230	4538	14.7
Acton	2063	37	18	19	17.9	21	9	12	1	1	...	2	8	9	10.1	...	36	17.4
Alexandria	2175	38	19	19	17.4	25	12	13	1	3	...	...	11	10	11.4	2	36	16.5
Alliston	1733	122	75	47	70.3	42	27	15	2	3	1	...	24	12	24.2	2	20	11.5
Almonte	2543	169	86	83	66.4	33	13	20	1	1	1	...	11	19	12.9	4	31	12.1
Amherstburg	2853	27	17	10	9.4	29	14	15	2	1	...	...	12	14	10.1	...	64	22.4
Arnprior	3895	49	26	23	12.5	30	16	14	...	...	...	...	16	14	7.7	1	53	13.6
Aurora	2726	10	7	3	3.6	27	15	12	...	...	...	...	15	12	9.9	1	48	17.6
Aylmer	2478	11	3	8	4.4	25	11	14	1	1	...	...	10	13	10.0	...	58	23.4
Bancroft	1094	79	33	46	72.2	22	10	12	1	2	2	1	7	9	20.1	4	28	25.5
Barry's Bay	1198	35	21	14	29.2	2	1	1	1	...	...	...	...	1	1.6	...	10	8.3
Beamsville	1309	24	11	13	18.3	16	8	8	...	1	...	...	8	7	12.2	...	31	23.6
Blenheim	1952	11	9	2	5.6	18	11	7	...	...	...	...	11	7	9.2	1	30	15.3
Blind River	2619	112	61	51	42.7	43	31	12	8	4	...	1	23	7	16.4	3	25	9.5
Bobcaygeon	1002	12	5	7	11.9	9	5	4	...	...	...	...	5	4	8.9	...	17	16.9
Bowmanville	4113	156	93	63	37.9	63	38	25	3	...	1	...	34	25	15.3	6	39	9.4
Bracebridge	2341	98	56	42	41.8	69	37	32	4	6	2	1	31	25	29.4	5	64	27.3
Bradford	1033	10	8	2	9.6	16	10	6	...	...	...	...	10	6	15.4	...	11	10.6
Brighton	1651	19	13	6	11.5	16	9	7	1	1	1	...	7	6	9.6	1	19	11.5
Burlington	3815	14	4	10	3.6	30	16	14	...	2	...	...	16	12	7.8	...	74	19.3
Cache Bay	1004	23	10	13	22.9	8	3	5	1	4	...	...	2	1	7.9	...	13	12.9
Caledonia	1401	5	2	3	3.5	17	9	8	...	1	...	...	9	7	12.1	1	18	12.8
Campbellford	3018	71	29	42	23.5	37	22	15	3	1	1	1	19	14	12.2	2	42	13.9
Capreol	1641	18	12	6	10.9	11	6	5	1	...	1	...	4	4	6.7	...	17	10.3
Cardinal	1645	32	21	11	19.4	17	12	5	1	1	...	1	10	4	10.3	1	12	7.2
Carleton Place	4305	35	17	18	8.1	44	13	31	...	3	...	1	13	27	10.2	...	36	8.3
Casselman	1021	24	14	10	23.5	13	6	7	...	...	...	...	6	6	12.7	1	15	14.6
Chesley	1701	47	24	23	27.6	23	12	11	...	...	...	...	12	11	13.5	2	30	17.6
Chesterville	1067	17	11	6	15.9	17	11	6	1	1	...	...	10	5	15.9	...	14	13.1
Chippawa	1385	2	2	...	1.4	7	5	2	...	...	...	...	5	2	5.0	...	25	18.0
Clinton	1896	104	47	57	54.8	50	24	26	1	2	...	...	23	24	26.3	3	22	11.6
Cobalt	2376	47	24	23	19.7	12	7	5	...	...	1	1	7	5	5.0	1	36	15.1
Cochrane	2844	132	79	53	46.4	35	22	13	7	...	...	...	14	12	12.3	2	40	14.0
Coniston	2245	44	21	23	19.5	8	5	3	1	1	1	...	4	2	3.5	...	24	10.6
Copper Cliff	3732	22	12	10	5.8	28	22	6	1	...	1	...	20	6	7.5	...	59	15.8
Delhi	2062	12	7	5	5.8	17	7	10	2	2	...	...	4	8	8.2	...	30	14.5
Deseronto	1261	11	3	8	8.7	11	7	4	...	1	1	...	7	3	8.7	...	11	8.7
Dresden	1662	17	9	8	10.2	22	7	15	...	1	1	...	6	14	13.2	...	24	14.4
Dryden	1641	112	57	55	68.2	44	33	11	5	1	1	...	27	10	26.8	4	30	18.2
Dunnville	4028	133	66	67	33.0	63	31	32	5	1	...	...	25	31	15.6	6	83	20.6
Durham	1700	52	29	23	30.5	32	18	14	1	3	...	...	17	11	18.8	...	11	6.4
Eganville	1088	11	5	6	10.1	11	6	5	...	1	...	...	6	4	10.1	...	23	21.1
Elmira	2012	8	3	5	3.9	30	15	15	...	...	...	...	15	15	14.9	...	23	11.4
Elora	1247	7	5	2	5.6	22	15	7	2	...	...	...	13	7	17.6	...	19	15.2
Englehart	1262	81	38	43	64.1	17	12	5	2	1	...	...	10	4	13.4	3	20	15.8
Essex	1935	18	12	6	9.3	11	9	2	...	...	...	...	9	2	5.6	4	47	24.2
Exeter	1589	83	45	38	52.2	20	9	11	...	2	...	...	7	11	12.5	3	17	10.6
Fenelon Falls	1158	14	9	5	12.0	16	10	6	...	...	...	...	10	6	13.8	...	9	7.7
Fergus	2832	88	38	50	31.0	40	18	22	3	3	...	...	15	19	14.1	9	25	8.8
Fonthill	1000	7	4	3	7.0	8	6	2	...	...	...	1	6	1	8.0	...	22	22.0
Forest	1570	12	3	9	7.6	20	12	8	...	...	...	...	12	8	12.7	...	22	18.4
Frankford	1144	8	4	4	6.9	8	3	5	...	...	...	...	3	5	6.9	...	17	14.8
Gananoque	4044	85	48	37	21.0	38	16	22	...	1	...	...	16	21	9.3	2	72	17.8
Georgetown	2562	9	5	4	3.5	17	9	8	...	...	...	...	9	8	6.6	...	33	12.8
Geraldton	2979	168	95	73	56.3	16	8	8	2	5	1	...	5	3	5.3	4	60	20.1
Goderich	4557	133	73	60	29.1	64	33	31	3	2	...	1	30	28	14.0	3	49	10.7
Gravenhurst	2122	49	29	20	23.0	19	11	8	2	1	...	...	9	7	8.9	1	41	19.3
Grimsby	2331	70	42	28	30.0	24	13	11	3	...	...	...	10	11	10.2	3	29	12.4
Hagersville	1455	87	47	40	59.7	21	9	12	...	2	...	...	9	10	14.4	1	29	19.9
Haileybury	2268	67	29	38	29.5	83	54	29	4	2	...	1	50	26	36.5	4	15	6.6
Hanover	3290	111	62	49	33.7	51	21	30	4	4	1	1	16	25	15.5	1	41	12.4
Harriston	1305	28	13	15	21.4	14	6	8	...	1	...	...	6	7	10.7	...	17	13.0
Harrow	1166	10	5	5	8.5	7	5	2	...	...	...	...	5	2	6.0	...	25	21.4
Havelock	1113	44	20	24	39.5	15	10	5	2	...	...	1	8	4	13.4	3	9	8.0
Hespeler	3058	22	9	13	7.1	23	9	14	...	...	...	...	9	14	7.5	...	104	34.0
Humberstone	2963	34	21	13	11.4	9	3	6	...	3	...	...	3	3	3.0	...	28	9.4
Huntsville	2800	83	43	40	29.6	32	24	8	3	3	...	...	21	5	11.4	7	56	19.9
Iroquois Falls	1302	101	50	51	77.5	30	25	5	5	...	...	...	20	5	23.0	2	34	26.1
Kapuskasing	3431	111	60	51	32.3	22	12	10	2	4	...	...	10	6	6.4	2	29	8.4
Keewatin	1481	...	...	...	...	3	2	1	...	...	...	...	2	1	2.0	...	16	10.8
Kemptville	1232	23	12	11	18.6	19	11	8	1	...	...	...	10	8	15.4	1	15	12.1
Kincardine	2507	...	...	...	...	27	12	15	...	...	...	...	12	15	10.7	1	31	12.3
Kingsville	2317	43	20	23	18.5	17	12	5	...	...	...	...	12	5	7.3	...	48	2.07
Lakefield	1349	7	3	4	5.1	19	10	9	...	2	1	...	9	7	14.0	...	19	14.0
Larder Lake	1464	32	19	13	21.8	7	2	5	...	1	1	...	1	4	4.7	1	13	8.8
Listowel	3013	165	90	75	54.7	57	33	24	6	2	1	1	26	21	18.9	4	56	18.5
Little Current	1088	8	4	4	7.3	22	15	7	3	...	...	2	12	5	20.2	...	13	11.9
L'Orignal	1118	20	12	8	17.8	13	9	4	1	...	...	...	8	4	11.6	...	12	10.7
Madoc	1188	11	5	6	9.2	15	6	9	...	2	...	...	6	7	12.6	...	22	18.5
Markham	1204	48	24	24	39.8	13	8	5	2	...	...	...	6	5	10.7	...	15	12.4
Marmora	1106	40	20	20	36.1	5	...	5	...	...	...	...	...	5	4.5	1	21	18.9
Mattawa	1971	82	44	38	41.6	34	20	14	6	2	3	2	11	10	17.4	2	26	13.1
Meaford	2262	80	37	43	35.3	37	15	22	...	...	...	...	15	22	16.3	2	41	18.1
Merritton	2993	12	5	7	4.0	23	8	15	1	...	...	1	7	14	7.6	...	24	8.0
Milton	1964	55	30	25	28.0	18	10	8	...	...	...	...	10	8	9.1	2	26	13.2
Milverton	1015	17	11	6	16.7	12	5	7	...	3	...	...	5	4	11.8	...	11	10.8

Table 5—General Summary of Births, Deaths and Marriages in the Province of Ontario for Towns and Villages of 1,000 Population and under 5,000, 1941—Continued

Towns 1,000 and over and under 5,000	Census population	BIRTHS (Exclusive of stillbirths)			Ratio per 1,000	DEATHS												Ratio per 1,000	Still-births	Marriages	Ratio per 1,000
						All ages			Under 1 year		1-4 years		5 years and over								
		Total	M	F		Total	M	F	M	F	M	F	M	F							
Mitchell	1777	5	2	3	2.8	26	9	17	1	...	...	...	8	17	14.6	...	17	9.5
Morrisburg	1575	15	9	6	9.5	22	12	10	...	...	1	...	11	10	13.9	1	28	17.7
Mount Forest	1892	65	28	37	34.3	40	18	22	1	1	...	...	17	21	21.1	3	26	13.7
Napanee	3405	47	22	25	13.8	30	15	15	3	...	...	...	12	15	8.8	2	54	15.8
New Hamburg	1402	19	11	8	13.5	13	4	9	2	1	...	...	2	8	9.2	1	24	17.1
New Liskeard	3019	82	44	38	27.1	24	15	9	2	2	...	1	13	6	7.9	1	60	19.8
Newmarket	4026	207	103	104	51.4	77	49	28	5	3	...	...	44	25	19.1	8	50	12.4
Niagara	1541	50	23	27	32.4	20	7	13	...	...	...	...	7	13	12.9	1	32	20.7
Norwich	1268	53	29	24	41.7	16	9	7	2	1	...	...	7	6	12.6	2	14	11.0
Oakville	4115	45	25	20	10.9	34	19	15	...	...	1	...	18	15	8.2	1	51	12.3
Orangeville	2718	128	65	63	47.0	51	28	23	5	1	...	...	23	22	18.7	3	35	12.8
Palmerston	1418	51	22	29	35.9	32	19	13	3	1	1	...	15	12	22.5	1	22	15.5
Paris	4637	109	47	62	23.5	76	41	35	3	2	...	...	38	33	16.3	4	61	13.1
Penetanguishene	4521	107	55	52	23.6	58	34	24	1	2	1	...	32	22	12.8	3	62	13.7
Perth	4458	195	104	91	43.7	81	40	41	5	4	...	...	35	37	18.1	5	49	10.9
Petrolia	2801	183	90	93	65.3	72	37	35	4	1	...	...	33	34	25.7	6	28	9.9
Picton	3901	227	109	118	58.1	100	50	50	9	5	...	...	41	45	25.6	5	87	22.3
Point Edward	1363	3	2	1	2.2	7	3	4	...	...	...	1	3	3	5.1	2	21	15.4
Port Credit	2160	12	5	7	5.5	13	10	3	...	...	...	...	10	3	6.0	...	65	30.0
Port Dalhousie	1723	8	2	6	4.6	10	5	5	1	...	...	...	4	5	5.8	...	20	11.6
Port Dover	1968	33	19	14	16.7	34	18	16	...	2	...	...	18	14	17.2	1	24	12.1
Port Elgin	1395	33	16	17	23.6	22	12	10	...	...	...	...	12	10	15.7	2	20	14.3
Port Perry	1245	35	18	17	28.1	19	6	13	...	1	...	...	6	12	15.2	1	11	8.8
Portsmouth	3135	3	2	1	0.9	78	44	34	...	...	...	...	44	34	24.8	...	8	2.5
Port Stanley	1177	6	3	3	5.0	6	3	3	...	...	...	...	3	3	5.0	...	27	22.9
Prescott	3223	17	7	10	5.2	28	15	13	...	1	...	1	15	11	8.6	3	46	14.2
Rainy River	1205	59	30	29	48.9	27	18	9	2	4	...	...	16	5	22.4	4	31	25.7
Richmond Hill	1345	8	4	4	5.9	10	6	4	...	...	...	...	6	4	7.4	...	34	25.2
Ridgetown	1944	18	12	6	9.2	20	10	10	...	...	...	...	10	10	10.2	...	27	13.8
Riverside	4878	25	17	8	5.1	14	7	7	2	1	...	...	5	6	2.8	...	34	6.9
Rockcliffe Park	1480	...	...	...	...	3	1	2	...	...	...	...	1	2	2.0	...	2	1.3
Rockland	2040	49	23	26	24.0	23	13	10	1	1	...	...	12	9	11.2	...	29	14.2
St. Mary's	3635	102	55	47	28.0	53	28	25	4	1	...	...	24	24	14.5	2	31	8.5
Seaforth	1668	117	64	53	70.1	63	34	29	2	1	...	...	32	28	37.7	3	25	14.9
Shelburne	1005	52	22	30	51.7	13	12	1	2	...	...	...	10	1	12.9	1	5	4.9
Sioux Lookout	1756	56	33	23	31.8	20	14	6	1	...	1	1	12	5	11.3	1	26	14.8
Southampton	1600	19	10	9	11.8	21	12	9	...	1	...	...	12	8	13.1	...	14	8.7
Stayner	1085	7	3	4	6.4	10	5	5	...	...	...	...	5	5	9.2	2	20	18.4
Stoney Creek	1007	5	2	3	4.9	12	7	5	...	...	...	...	7	5	11.9	...	14	13.9
Stouffville	1253	45	16	29	35.9	25	13	12	...	...	...	...	13	12	19.9	1	22	17.5
Strathroy	3016	148	80	68	49.0	58	33	25	1	1	...	...	32	24	19.2	4	46	15.2
Sturgeon Falls	4576	190	88	102	41.5	65	37	28	6	8	3	4	28	16	14.2	3	64	13.9
Sutton	1051	37	19	18	35.2	14	7	7	...	1	...	...	7	6	13.3	3	11	10.4
Tavistock	1066	10	7	3	9.3	9	4	5	...	...	...	...	4	5	8.4	...	13	12.1
Tecumseh	2412	31	15	16	12.8	11	6	5	1	...	...	...	5	5	4.5	...	41	16.9
Thessalon	1316	45	25	20	34.1	19	11	8	...	1	...	...	11	7	14.4	1	26	19.7
Tilbury	2155	25	12	13	11.6	16	5	11	2	...	...	...	3	11	7.4	1	55	25.5
Tillsonburg	4002	278	140	138	69.4	79	41	38	9	7	...	...	32	31	19.7	7	70	17.4
Tweed	1343	31	18	13	23.0	22	10	12	1	...	...	...	9	12	16.3	...	25	18.6
Uxbridge	1406	39	20	19	27.7	20	8	12	...	...	...	...	8	12	14.2	3	24	17.0
Vankleek Hill	1435	51	30	21	35.5	24	12	12	4	1	...	...	8	11	16.7	3	25	17.4
Victoria Harbour	1026	18	11	7	17.5	13	5	8	1	1	...	1	4	6	12.6	1	12	11.6
Walkerton	2679	140	78	62	52.2	56	27	29	6	...	...	...	21	29	20.9	4	25	9.3
Wallaceburg	4986	53	34	19	10.6	27	10	17	1	...	2	1	7	16	5.4	1	83	16.6
Waterford	1342	13	8	5	9.6	20	11	9	...	...	...	...	11	9	14.9	1	24	17.8
Watford	1076	8	2	6	7.4	16	9	7	...	...	...	...	9	7	14.8	...	21	19.5
Wellington	1036	4	1	3	3.8	12	4	8	...	...	...	...	4	8	11.5	...	16	15.4
Wiarton	1749	57	28	29	32.5	21	11	10	1	...	1	1	9	9	12.0	5	37	21.1
Winchester	1049	16	7	9	15.2	18	11	7	2	1	...	...	9	6	17.1	...	16	15.2
Wingham	2030	96	47	49	47.2	33	18	15	...	...	...	...	18	15	16.2	4	24	11.8
Woodbridge	1044	3	1	2	2.8	8	6	2	...	...	...	...	6	2	7.6	...	7	6.7

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1941

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Ontario	72262	5475	5425	6289	6236	6329	6575	6633	6155	6025	5825	5491	5804
Rural	16107	1288	1278	1487	1473	1534	1507	1442	1354	1275	1163	1137	1179
Urban	56155	4187	4147	4802	4763	4805	5068	5191	4801	4750	4662	4354	4625
Addington--	100	8	9	10	16	8	10	11	7	5	5	5	6
Rural	100	8	9	10	16	8	10	11	7	5	5	5	6
Algoma	1164	83	76	92	91	97	108	112	128	103	88	86	100
Rural	209	15	14	24	18	17	26	18	22	13	11	10	21
Urban	955	68	62	68	73	80	82	94	106	90	77	76	79
Sault Ste. Marie, c	798	52	50	59	63	63	69	84	83	76	71	62	66
Blind River, t	112	11	9	9	7	15	9	8	14	9	3	9	9
Thessalon, t	45	5	3	.....	3	2	4	2	9	5	3	5	4
Brant	1108	84	88	97	99	100	96	101	97	98	74	93	81
Rural	208	21	16	22	21	24	9	24	10	20	13	14	14
Urban	900	63	72	75	78	76	87	77	87	78	61	79	67
Brantford, c	791	56	65	66	67	64	79	67	76	65	51	74	61
Prais, t	109	7	7	9	11	12	8	10	11	13	10	5	6
Bruce	743	56	55	79	67	57	67	59	60	66	67	59	51
Rural	447	34	33	48	42	41	36	35	36	44	38	33	27
Urban	296	22	22	31	25	16	31	24	24	22	29	26	24
Chesley, t	47	3	1	6	4	3	3	4	3	4	7	4	5
Kincardine, t	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Southampton, t	19	7	.....	2	.....	1	.....	.....	2	.....	2	3	2
Walkerton, t	140	6	12	15	14	8	19	14	11	8	12	10	11
Wiarton, t	57	5	8	7	6	3	3	3	5	5	5	4	3
Port Elgin, vl	33	1	1	1	1	1	6	3	3	5	3	5	3
Carleton	4357	332	331	400	391	389	412	387	357	372	346	302	338
Rural	230	26	19	17	20	28	23	18	25	25	10	9	10
Urban	4127	306	312	383	371	361	389	369	332	347	336	293	328
Ottawa, c	3998	295	301	377	355	355	372	359	322	335	323	283	321
Eastview, t	129	11	11	6	16	6	17	10	10	12	13	10	7
Rockliffe Park, vl	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cochrane	2284	195	170	173	199	218	200	226	193	198	169	153	190
Rural	981	82	75	77	91	109	86	92	78	83	68	64	76
Urban	1303	113	95	96	108	109	114	134	115	115	101	89	114
Cochrane, t	132	13	8	10	16	4	9	12	10	20	10	7	13
Iroquois Falls, t	101	7	4	11	5	8	14	14	10	11	2	5	10
Kapuskasing, t	111	8	10	3	11	9	7	10	10	7	5	17	14
Timmins, t	959	85	73	72	76	88	84	98	85	77	84	60	77
Dufferin	253	20	14	29	21	17	23	22	34	24	17	17	15
Rural	73	6	4	11	5	4	6	11	14	5	3	2	2
Urban	180	14	10	18	16	13	17	11	20	19	14	15	13
Orangeville, t	128	11	6	11	14	9	13	8	12	16	11	10	7
Shelburne, vl	52	3	4	7	2	4	4	3	8	3	3	5	6
Dundas	244	17	23	25	26	18	18	29	23	20	12	20	13
Rural	196	14	18	21	19	17	17	17	18	14	10	18	13
Urban	48	3	5	4	7	1	1	12	5	6	2	2	.....
Chesterville, vl	17	1	3	1	1	1	1	3	2	3	.....	1	.....
Morrisburg, vl	15	2	1	2	2	.....	.....	4	.....	1	2	1	.....
Winchester, vl	16	.....	1	1	4	.....	.....	5	3	2	.....	.....	.....
Durham	379	25	30	21	34	33	21	35	44	30	37	33	36
Rural	67	5	8	4	10	7	5	3	5	5	4	6	5
Urban	312	20	22	17	24	26	16	32	39	25	33	27	31
Bowmanville, t	156	10	10	6	11	14	9	19	20	7	17	16	17
Port Hope, t	156	10	12	11	13	12	7	13	19	18	16	11	14
Elgin	765	53	50	64	55	75	77	69	75	56	65	70	56
Rural	176	20	6	13	13	20	12	18	19	10	20	13	12
Urban	589	33	44	51	42	55	65	51	56	46	45	57	44
St. Thomas, c	572	32	42	48	41	54	65	50	53	45	44	55	43
Aylmer, t	11	1	2	3	1	.....	.....	.....	2	1	1	.....	.....
Port Stanley, vl	6	.....	.....	.....	.....	1	.....	1	1	.....	.....	2	1
Essex	3690	266	285	345	294	274	336	358	292	316	323	272	329
Rural	496	42	53	54	36	35	44	50	36	37	34	36	39
Urban	3194	224	232	291	258	239	292	308	256	279	289	236	290
Windsor, t	2800	196	205	263	227	203	254	272	224	244	246	212	254
Amherstburg, t	27	1	1	3	2	1	5	1	3	5	3	1	1
Essex, t	18	.....	3	.....	1	.....	2	1	4	1	3	1	2
Harrow, t	10	1	1	.....	1	.....	2	1	1	1	1	.....	1
Kingsville, t	43	3	.....	2	3	3	3	8	2	3	8	4	4
Leamington, t	240	19	18	15	16	25	25	20	16	20	25	16	25
Riverside, t	25	2	2	4	4	1	1	3	3	3	1	.....	1
Tecumseh, t	31	2	2	4	4	6	.....	2	3	2	2	2	2
Frontenac	1279	89	87	125	118	110	114	127	104	108	106	91	100
Rural	196	18	14	16	24	16	18	17	15	12	18	13	15
Urban	1083	71	73	109	94	94	96	110	89	96	88	78	85
Kingston, c	1080	71	72	109	94	93	96	109	89	96	88	78	85
Portsmouth, vl	3	.....	1	.....	.....	1	.....	1	.....	.....	.....	.....	.....
Glengarry	266	13	28	14	27	34	23	29	27	27	15	12	17
Rural	228	11	25	10	21	29	23	27	21	22	12	11	16
Urban	38	2	3	4	6	5	.....	2	6	5	3	1	1
Alexandria, t	38	2	3	4	6	5	.....	2	6	5	3	1	1

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1941—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Grenville	146	8	15	19	9	16	10	9	15	12	13	8	12
Rural	74	1	6	10	5	10	5	5	4	6	10	4	8
Urban	72	7	9	9	4	6	5	4	11	6	3	4	4
Prescott, t	17	3	3	....	1	....	1	2	....	1	2	1	3
Cardinal, vl	32	3	4	4	3	3	3	1	7	3	1	....	....
Kemptville, vl	23	1	2	5	....	3	1	1	4	2	....	3	1
Grey	1055	86	64	90	106	109	126	91	93	75	85	82	48
Rural	386	32	29	31	43	38	50	40	32	24	33	25	9
Urban	669	54	35	59	63	71	76	51	61	51	52	57	39
Owen Sound, c	426	37	21	34	37	43	52	28	36	37	35	38	28
Durham, t	52	4	1	7	5	5	6	4	6	6	2	1	5
Hanover, t	111	7	6	13	13	16	9	12	11	7	7	9	1
Meaford, t	80	6	7	5	8	7	9	7	8	1	8	9	5
Haldimand	329	34	19	30	22	24	31	28	21	25	19	38	38
Rural	104	12	9	6	8	6	11	4	9	8	5	13	13
Urban	225	22	10	24	14	18	20	24	12	17	14	25	25
Dunnville, t	133	11	5	17	8	14	12	11	8	12	6	16	13
Caledonia, vl	5	....	....	2	....	1	....	....	....	....	1	1	....
Hagersville, vl	87	11	5	5	6	3	8	13	4	5	7	8	12
Haliburton	125	8	13	15	6	13	16	8	15	10	10	....	11
Rural	125	8	13	15	6	13	16	8	15	10	10	....	11
Halton	246	26	19	20	20	17	19	24	16	12	27	16	30
Rural	86	10	9	5	9	7	7	6	7	4	10	3	9
Urban	160	16	10	15	11	10	12	18	9	8	17	13	21
Burlington, t	14	2	1	2	1	2	....	1	....	....	3	2	....
Georgetown, t	9	2	....	....	....	1	3	1	....	....	....	....	2
Milton, t	55	5	5	7	5	2	2	8	4	3	6	2	6
Oakville, t	45	3	3	3	4	5	4	3	3	3	5	3	6
Acton, vl	37	4	1	3	1	....	3	5	2	2	3	6	7
Hastings	1497	125	117	138	129	125	134	137	128	112	129	119	104
Rural	441	33	40	39	32	45	34	41	35	39	33	38	32
Urban	1056	92	77	99	97	80	100	96	93	73	96	81	72
Belleville, c	742	61	55	69	68	50	74	66	60	57	74	59	49
Deseronto, t	11	2	....	1	3	....	2	1	....	....	1	....	1
Trenton, t	134	14	10	16	12	10	10	15	11	7	9	14	6
Bancroft, vl	79	7	6	4	9	10	7	9	5	4	5	4	9
Frankford, vl	8	2	....	2	....	....	....	....	1	....	1	2	....
Madoc, vl	11	....	4	1	....	1	....	1	2	1	....	....	1
Marmora, vl	40	2	1	5	4	4	2	2	7	3	4	2	4
Tweed, vl	31	4	1	1	1	5	5	2	7	1	2	....	2
Huron	830	55	81	72	71	58	77	74	78	81	52	62	69
Rural	297	18	28	32	26	24	26	24	27	24	19	25	24
Urban	533	37	53	40	45	34	51	50	51	57	33	37	45
Clinton, t	104	6	8	9	5	8	13	10	16	11	9	2	7
Goderich, t	133	7	9	8	7	11	11	15	13	20	6	15	11
Seaforth, t	117	8	12	11	14	8	11	8	9	6	7	9	14
Wingham, t	96	8	14	5	10	2	9	10	9	11	6	4	8
Exeter, vl	83	8	10	7	9	5	7	7	4	9	5	7	5
Kenora, including Patricia	561	35	41	56	65	47	45	37	42	45	54	50	44
Rural	139	10	14	17	15	13	11	9	8	10	11	12	9
Urban	422	25	27	39	50	34	34	28	34	35	43	38	35
Dryden, t	112	5	9	8	16	10	5	7	13	14	6	14	5
Keewatin, t	....	....	....	....	....	....	....	....	....	....	....	....	....
Kenora, t	254	16	15	25	31	22	24	18	18	18	27	19	21
Sioux Lookout, t	56	4	3	6	3	2	5	3	3	3	10	5	9
Kent	1482	121	100	120	136	103	147	141	142	120	123	113	116
Rural	333	34	19	28	41	33	31	29	30	19	23	20	26
Urban	1149	87	81	92	95	70	116	112	112	101	100	93	90
Chatham, c	1025	77	71	80	85	62	98	100	98	93	94	83	84
Blenheim, t	11	....	....	....	2	1	3	1	2	....	1	1	....
Dresden, t	17	3	1	3	....	1	1	1	2	4	....	....	1
Ridgetown, t	18	2	3	2	....	....	3	1	2	1	1	3	....
Tilbury, t	25	2	3	3	2	4	....	2	2	1	1	3	2
Wallaceburg, t	53	3	3	4	6	2	11	7	6	2	3	3	3
Lambton	1014	76	79	84	84	88	90	108	86	95	86	68	70
Rural	240	14	23	18	22	21	21	34	28	16	12	16	15
Urban	774	62	56	66	62	67	69	74	58	79	74	52	55
Sarnia, c	568	44	49	45	45	46	49	51	44	55	57	41	42
Forest, t	12	....	....	....	4	....	1	1	2	....	2	1	1
Petrolia, t	183	16	5	20	12	20	18	22	12	24	13	9	12
Point Edward, vl	3	2	....	....	....	....	1	....	....	....	....	....	....
Watford, vl	8	....	2	1	1	1	....	....	....	....	2	1	....
Lanark	670	51	50	55	56	61	73	57	52	45	45	64	61
Rural	82	7	5	6	10	5	9	8	7	5	7	10	3
Urban	588	44	45	49	46	56	64	49	45	40	38	54	58
Almonte, t	169	13	11	14	14	18	19	13	14	14	8	14	17
Carleton Place, t	35	2	4	4	4	1	2	2	3	....	4	4	5
Perth t	195	15	8	12	14	18	25	24	14	8	12	25	20
Smiths Falls, t	189	14	22	19	14	19	18	10	14	18	14	11	16
Leeds	645	47	52	53	60	51	67	64	44	69	39	53	46
Rural	220	15	18	25	21	22	19	20	19	21	13	12	15
Urban	425	32	34	28	39	29	48	44	25	48	26	41	31
Brockville, t	340	23	28	23	31	23	43	36	18	38	24	28	25
Gananoque, t	85	9	6	5	8	6	5	8	7	10	2	13	6

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1941—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Lennox	112	8	4	7	16	4	8	12	10	11	8	13	11
Rural	65	5	4	4	9	2	6	10	6	6	2	7	4
Urban	47	3	.....	3	7	2	2	2	4	5	6	6	7
Napanee, t	47	3	.....	3	7	2	2	2	4	5	6	6	7
Lincoln	1238	92	72	97	113	108	106	126	98	122	94	97	113
Rural	128	13	7	6	13	17	10	11	10	5	8	13	15
Urban	1110	79	65	91	100	91	96	115	88	117	86	84	98
St. Catharines, c	946	67	55	80	83	78	80	91	75	105	72	77	83
Grimsby, t	70	5	4	5	6	8	8	7	7	4	7	2	7
Merritton, t	12	2	1	1	1	1	.....	1	.....	.....	1	1	3
Niagara, t	50	1	3	3	8	2	4	11	5	5	2	3	3
Beamsville, vl	24	3	2	1	1	1	3	4	1	3	3	1	1
Port Dalhousie, vl	8	1	.....	1	1	1	1	1	.....	.....	1	.....	1
Manitoulin	265	20	22	27	34	20	32	19	22	13	21	17	18
Rural	257	20	22	26	34	19	32	19	22	13	20	15	15
Urban	8	.....	.....	1	.....	1	.....	.....	.....	.....	1	2	3
Little Current, t	8	.....	.....	1	.....	1	.....	.....	.....	.....	1	2	3
Middlesex	2407	194	197	210	174	211	218	200	216	204	191	196	196
Rural	275	21	25	29	18	29	26	17	19	22	23	21	25
Urban	2132	173	172	181	156	182	192	183	197	182	168	175	171
London, c	1984	163	159	169	145	176	182	161	182	168	155	164	160
Strathroy, t	148	10	13	12	11	6	10	22	15	14	13	11	11
Muskoka	338	35	34	16	29	41	35	22	22	29	26	23	26
Rural	108	9	17	6	8	12	11	3	9	6	7	9	11
Urban	230	26	17	10	21	29	24	19	13	23	19	14	15
Bracebridge, t	98	9	8	3	6	13	14	8	6	11	8	5	7
Gravenhurst, t	49	8	3	.....	4	7	6	4	5	5	3	2	2
Huntsville, t	83	9	6	7	11	9	4	7	2	7	8	7	6
Nipissing	1155	91	96	98	109	110	112	108	113	87	69	73	89
Rural	421	29	37	38	45	48	47	39	41	34	20	17	26
Urban	734	62	59	60	64	62	65	69	72	53	49	56	63
North Bay, c	439	40	36	35	35	32	33	39	46	35	30	36	42
Cache Bay, t	23	2	3	1	.....	3	1	7	1	1	2	.....	2
Mattawa[1] t	82	3	6	6	11	7	11	6	8	5	7	6	6
Sturgeon Falls, t	190	17	14	18	18	20	20	17	17	12	10	14	13
Norfolk	656	48	41	57	64	55	68	61	56	51	56	44	55
Rural	217	20	15	17	23	16	21	25	14	19	15	13	19
Urban	439	28	26	40	41	39	47	36	42	32	41	31	36
Simcoe, t	381	25	21	38	36	34	40	30	37	29	36	26	29
Delhi, vl	12	1	.....	.....	1	2	1	1	2	.....	2	1	1
Port Dover, vl	33	2	3	.....	4	2	5	4	1	1	2	3	6
Waterford, vl	13	.....	2	2	.....	1	1	1	2	2	1	1	.....
Northumberland	449	37	39	42	48	37	38	40	36	36	27	34	35
Rural	169	16	15	14	19	14	13	13	18	16	6	12	13
Urban	280	21	24	28	29	23	25	27	18	20	21	22	22
Campbellford, t	71	6	6	16	6	8	7	3	1	6	5	5	2
Cobourg, t	190	13	15	11	20	12	17	24	16	13	14	16	19
Brighton, vl	19	2	3	1	3	3	1	.....	1	1	2	1	1
Ontario	932	62	56	68	80	79	79	89	91	79	70	82	97
Rural	196	12	13	9	23	21	18	13	24	16	14	21	12
Urban	736	50	43	59	57	58	61	76	67	63	56	61	85
Oshawa, c	644	40	39	55	48	51	57	70	58	59	48	49	70
Uxbridge, t	39	3	2	2	5	5	2	1	3	1	2	6	7
Whitby, t	18	3	.....	1	1	1	1	3	1	3	.....	2	2
Port Perry, vl	35	4	2	1	3	1	1	2	5	.....	6	4	6
Oxford	1027	75	62	84	82	82	91	123	97	78	88	69	96
Rural	186	13	11	18	15	12	16	20	14	16	17	16	18
Urban	841	62	51	66	67	70	75	103	83	62	71	53	78
Woodstock, c	306	19	20	29	22	29	21	43	34	23	21	20	25
Ingersoll, t	194	17	10	9	14	12	18	21	20	17	22	14	20
Tillsonburg, t	278	21	17	24	22	19	28	31	22	20	26	18	30
Norwich, vl	53	5	3	4	8	7	7	8	5	1	1	1	3
Tavistock, vl	10	.....	1	.....	1	3	1	.....	2	1	1	.....	.....
Parry Sound	751	47	55	74	66	73	72	66	60	56	56	55	71
Rural	342	24	23	41	34	34	33	29	22	34	21	25	22
Urban	409	23	32	33	32	39	39	37	38	22	35	30	49
Parry Sound, t	409	23	32	33	32	39	39	37	38	22	35	30	49
Peel	356	27	25	23	32	39	30	44	26	24	29	28	29
Rural	98	6	3	6	11	11	10	12	10	5	7	11	6
Urban	258	21	22	17	21	28	20	32	16	19	22	17	23
Brampton, t	246	18	21	16	20	26	20	30	16	19	22	16	22
Port Credit, vl	12	3	1	1	1	2	.....	2	.....	.....	.....	1	1
Perth	886	56	57	81	70	92	67	101	75	78	72	72	65
Rural	176	12	14	17	9	20	14	19	18	12	13	12	16
Urban	710	44	43	64	61	72	53	82	57	66	59	60	49
Stratford, c	421	26	28	32	31	42	31	51	32	45	43	36	24
Listowell, t	165	9	10	19	16	19	10	14	20	10	12	11	15
Mitchel, t	5	.....	.....	.....	2	.....	.....	1	.....	.....	.....	2	.....
St. Mary's, t	102	6	5	12	11	9	9	15	5	9	3	10	8
Milverton, vl	17	3	.....	1	1	2	3	1	.....	2	1	1	2
Peterborough	1066	98	88	96	83	88	103	95	76	82	86	79	92
Rural	134	11	12	20	12	10	9	15	5	14	13	5	8
Urban	932	87	76	76	71	78	94	80	71	68	73	74	84
Peterborough, c	881	82	74	74	66	75	88	73	67	66	67	71	78
Havelock, vl	44	3	2	2	3	2	5	7	3	2	6	3	6
Lakefieldvl	7	2	.....	.....	2	1	1	.....	1	.....	.....	.....	.....

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1941—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Prescott	737	47	57	62	64	64	66	68	64	73	58	60	54
Rural	405	27	31	33	33	34	40	37	38	44	35	29	24
Urban	332	20	26	29	31	30	26	31	26	29	23	31	30
Hawkesbury, t	261	16	19	20	30	24	21	23	21	19	19	24	25
Vankleek Hill, t	51	3	4	7	.....	2	4	8	2	9	4	3	5
L'Orignal, vl	20	1	3	2	1	4	1	.....	3	1	.....	4	.....
Prince Edward	282	25	21	26	15	35	21	17	23	25	26	28	20
Rural	51	5	2	3	4	10	6	1	3	2	6	5	4
Urban	231	20	19	23	11	25	15	16	20	23	20	23	16
Picton, t	227	20	19	22	11	25	15	16	20	23	19	23	14
Wellington, vl	4	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	2
Rainy River	423	35	47	35	39	41	34	35	31	34	25	38	29
Rural	195	18	24	16	18	18	20	15	13	15	8	19	11
Urban	228	17	23	19	21	23	14	20	18	19	17	19	18
Fort Francis, t	169	14	15	15	16	13	10	14	12	18	15	12	15
Rainy River, t	59	3	8	4	5	10	4	6	6	1	2	7	3
Renfrew	1110	90	93	94	88	108	108	94	91	102	78	78	86
Rural	334	32	22	34	27	34	34	26	27	33	16	26	23
Urban	776	58	71	60	61	74	74	68	64	69	62	52	63
Arnprior, t	49	1	9	9	3	5	4	.....	2	6	4	2	4
Pembroke, t	491	43	41	36	35	52	51	47	45	39	35	33	34
Renfrew, t	190	12	18	9	17	15	17	17	13	18	19	14	21
Barry's Bay, vl	35	2	1	4	6	1	2	4	4	3	3	3	2
Eganville, vl	11	.....	2	2	.....	1	.....	.....	.....	3	1	.....	2
Russell	403	44	23	45	39	41	35	37	28	15	31	33	32
Rural	330	37	19	37	31	37	27	31	22	13	28	24	24
Urban	73	7	4	8	8	4	8	6	6	2	3	9	8
Rockland, t	49	4	3	6	6	4	5	3	5	2	2	4	5
Casselman, vl	24	3	1	2	2	.....	3	3	1	.....	1	5	3
Simcoe	1770	107	143	154	153	141	163	181	159	168	150	115	136
Rural	292	16	22	32	21	22	27	31	25	27	23	24	22
Urban	1478	91	121	122	132	119	136	150	134	141	127	91	114
Alliston, t	122	10	12	5	18	7	14	11	7	12	9	7	10
Barrie, t	413	23	35	38	33	38	37	45	41	31	37	26	29
Collingwood, t	210	8	11	15	22	18	20	21	28	22	19	13	13
Midland, t	252	11	17	20	26	19	25	27	21	28	18	19	21
Orillia, t	339	24	29	35	23	26	25	34	29	32	33	19	30
Penetanguishene, t	107	11	11	5	6	8	11	8	7	14	9	6	11
Stayner, t	7	1	.....	1	.....	2	1	1	.....	.....	1	.....	.....
Bradford, vl	10	.....	3	2	1	.....	.....	1	1	.....	1	1	.....
Victoria Harbour, vl	18	3	3	1	3	1	3	2	.....	2	.....	.....	.....
Stormont	1032	84	84	101	94	95	82	111	76	76	72	79	78
Rural	386	30	29	37	37	35	30	40	28	29	30	26	35
Urban	646	54	55	64	57	60	52	71	48	47	42	53	43
Cornwall, t	646	54	55	64	57	60	52	71	48	47	42	53	43
Sudbury	2610	214	209	258	241	253	220	209	213	201	209	181	202
Rural	819	68	58	89	76	74	75	62	66	73	58	65	55
Urban	1791	146	151	169	165	179	145	147	147	128	151	116	147
Sudbury, c	1707	139	142	162	161	171	140	142	138	121	144	107	140
Capreol, t	18	3	3	1	.....	1	3	.....	.....	2	2	1	2
Coniston, t	44	3	6	5	1	5	1	3	8	3	2	6	1
Coppercliff, t	22	1	.....	1	3	2	1	2	1	2	3	2	4
Thunder Bay	1749	131	121	156	167	170	177	164	152	141	124	119	127
Rural	169	14	7	20	15	22	15	18	19	17	10	3	9
Urban	1580	117	114	136	152	148	162	146	133	124	114	116	118
Fort William, c	286	56	44	56	54	27	4	3	9	....	1	4	28
Port Arthur, c	1126	52	50	68	81	107	145	126	115	107	104	96	75
Geraldton, t	168	9	20	12	17	14	13	17	9	17	9	16	15
Timiskiming	1426	134	101	144	127	127	138	125	114	103	114	94	105
Rural	1117	93	82	112	99	102	110	93	97	80	88	73	88
Urban	309	41	19	32	28	25	28	32	17	23	26	21	17
Cobalt, t	47	9	6	1	4	3	2	3	3	4	4	5	3
Englehart, t	81	12	6	10	10	6	5	13	2	4	7	4	2
Haileybury, t	67	7	2	9	7	3	6	7	5	9	4	4	4
Larder Lake, t	32	4	1	7	1	3	2	2	2	.....	4	4	2
New Liskeard, t	82	9	4	5	6	10	13	7	5	6	7	4	6
Victoria	491	32	42	40	41	44	52	63	31	37	31	37	41
Rural	127	7	11	16	13	9	14	12	8	10	7	11	9
Urban	364	25	31	24	28	35	38	51	23	27	24	26	32
Lindsay, t	338	25	29	20	27	32	33	50	20	24	23	25	30
Bobcaygeon, vl	12	.....	.....	2	1	2	3	.....	2	1	.....	1	.....
Fenelon Falls, vl	14	.....	2	2	.....	1	2	1	1	2	1	.....	2
Waterloo	1851	134	120	170	161	171	157	175	162	137	157	140	167
Rural	271	24	26	31	23	25	17	22	21	19	20	17	26
Urban	1580	110	94	139	138	146	140	153	141	118	137	123	141
Galt, c	386	27	23	48	24	29	34	55	27	33	24	31	31
Kitchener, c	1090	71	68	82	107	102	97	86	104	80	104	89	100
Elmira, t	8	.....	.....	.....	1	1	1	2	2	.....	1	.....	.....
Hespeler, t	22	4	1	3	1	2	3	2	.....	1	3	.....	2
Preston, t	18	2	.....	1	2	3	1	.....	2	.....	1	.....	6
Waterloo, t	37	3	2	4	2	5	2	6	2	3	4	2	2
New Hamburg, vl	19	3	.....	1	1	4	2	2	4	1	.....	1	.....

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1941—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Welland	1858	126	127	163	155	169	148	156	183	184	152	141	154
Rural	247	19	16	20	23	27	22	22	25	17	20	16	20
Urban	1611	107	111	143	132	142	126	134	158	167	132	125	134
Niagara Falls, c	616	37	40	51	48	64	55	45	63	64	54	42	53
Welland, c	550	39	47	49	50	44	38	44	53	53	40	45	48
Fort Erie, t	208	15	9	16	16	15	21	26	19	18	19	17	17
Port Colborne, t	112	12	4	11	5	10	5	10	11	17	11	9	7
Thorold, t	82	3	5	9	10	5	6	5	9	10	4	11	5
Chippawa, vl	2	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....
Fonthill, vl	7	.....	2	.....	.....	2	1	1	.....	.....	1	.....	.....
Humberstone, vl	34	1	4	6	3	2	.....	3	3	5	2	1	4
Wellington	1035	79	77	84	85	109	99	87	92	93	68	88	74
Rural	471	34	33	40	37	56	51	41	40	42	29	40	28
Urban	564	45	44	44	48	53	48	46	52	51	39	48	46
Guelph, c	325	24	25	27	35	30	28	23	29	29	22	26	27
Harriston, t	28	3	2	1	2	4	2	3	3	2	1	1	4
Mount Forest, t	65	6	3	5	5	3	5	6	5	6	6	7	8
Palmerston, t	51	5	7	2	5	5	5	3	4	3	.....	7	5
Elora, vl	7	1	1	1	.....	2	.....	.....	1	.....	1	.....	...
Fergus, vl	88	6	6	8	1	9	8	11	10	11	9	7	2
Wentworth	3814	272	276	301	292	304	347	349	334	347	341	333	318
Rural	136	12	7	9	13	9	19	10	14	16	12	7	8
Urban	3678	260	269	292	279	295	328	339	320	331	329	326	310
Hamilton, c	3643	256	269	289	272	294	327	335	319	327	327	321	307
Dundas, t	30	4	.....	2	7	1	.....	4	1	3	1	4	3
Burlington Beach, vl	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stoney Creek, vl	5	.....	.....	1	.....	.....	1	.....	.....	1	1	1	.....
York	14801	1118	1140	1250	1273	1276	1329	1313	1231	1215	1290	1159	1207
Rural	1851	145	164	148	156	153	179	167	149	139	155	143	153
Urban	12950	973	976	1102	1117	1123	1150	1146	1082	1076	1135	1016	1054
Toronto, c	12286	911	935	1045	1070	1060	1096	1087	1026	1032	1064	954	1006
Aurora, t	10	1	.....	2	1	.....	2	1	1	.....	1	.....	1
Leaside, t	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mimico, t	123	10	8	6	7	14	11	2	9	14	15	19	8
Newmarket, t	207	19	10	23	15	17	14	18	19	12	23	20	17
New Toronto, t	32	5	1	3	2	3	4	4	.....	.....	3	3	4
Weston, t	108	12	11	10	9	13	10	14	6	5	8	4	6
Forest Hill, vl	3	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Long Branch, vl	33	....	2	2	4	2	2	6	2	1	6	2	4
Markham, vl	48	2	3	3	3	6	3	4	5	6	4	8	1
Richmond Hill, vl	8	1	.....	2	.....	1	.....	.....	1	.....	.....	.....	3
Stouffville, vl	45	8	2	1	5	4	5	5	4	3	5	2	1
Sutton, vl	37	3	.....	3	1	2	3	5	8	3	5	3	1
Swansea, vl	5	.....	.....	.....	.....	1	.....	.....	1	.....	1	1	1
Woodbridge, vl	3	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
District of Patricia	86	8	8	12	8	4	5	7	5	9	7	8	5

Table 7—Total Live Births and Live Births in Institutions, Showing the Number of Mothers Non-resident in the Province of Ontario, 1941

	All Live Births		In Institutions	
	Total	Mothers non-resident in Province	Total	Mothers non-resident in Province
Total for the Province	72,262	637	48,781	584

Table 8—Births (exclusive of Stillbirths) to Resident and Non-Resident Mothers, and Births in Institutions, in the Cities, Towns, and Villages of Ontario of 5,000 Population and over, 1941.

Cities, Towns, and Villages	All Births				Births in Institutions				Births Elsewhere Than in Institutions			
	Total	Resident mothers	Mothers non-resident in city, town, or village where birth occurred and		Total	Resident mothers	Mothers non-resident in city, town, or village where birth occurred and		Total	Resident mothers	Mothers non-resident in city, town, or village where birth occurred and	
			Resident in Province	Non-resident in Province			Resident in Province	Non-resident in Province			Resident in Province	Non-resident in Province
Cities:												
Belleville	742	320	411	11	697	279	408	10	45	41	3	1
Brantford	791	650	136	5	715	577	133	5	76	73	3	.....
Chatham	1,025	396	625	4	906	287	615	4	119	109	10	.....
Fort William	286	232	53	1	233	180	52	1	53	52	1	.....
Galt	386	263	121	2	340	218	120	2	46	45	1	.....
Guelph	325	210	114	1	280	166	113	1	45	44	1	.....
Hamilton	3,643	2,834	797	12	3,358	2,557	789	12	285	277	8	.....
Kingston	1,080	676	389	15	1,015	618	382	15	65	58	7	.....
Kitchener	1,090	649	440	1	966	527	438	1	124	122	2	.....
London	1,984	1,490	486	8	1,783	1,308	467	8	201	182	19	.....
Niagara Falls	616	446	165	5	581	415	161	5	35	31	4	.....
North Bay	439	322	112	5	323	216	102	5	116	106	10	.....
Oshawa	644	494	150	.....	550	404	146	.....	94	90	4	.....
Ottawa	3,998	3,016	747	235	3,589	2,615	745	229	409	401	2	6
Owen Sound	426	300	125	1	321	206	114	1	105	94	11	.....
Peterborough	881	541	337	3	818	482	333	3	63	59	4	.....
Port Arthur	1,126	516	607	3	1,105	497	605	3	21	19	2	.....
St. Catharines	946	587	356	3	786	464	319	3	160	123	37	.....
St. Thomas	572	328	235	9	552	309	234	9	20	19	1	.....
Sarnia	568	370	193	5	516	319	192	5	52	51	1	.....
Sault Ste. Marie	798	647	149	2	642	504	137	1	156	143	12	1
Stratford	421	269	152	.....	372	221	151	.....	49	48	1	.....
Sudbury	1,707	1,282	417	8	1,107	730	371	6	600	552	46	2
Toronto	12,286	8,781	3,424	81	11,009	7,546	3,383	80	1,277	1,235	41	1
Welland	550	254	295	1	491	198	292	1	59	56	3	.....
Windsor	2,800	2,154	615	31	2,275	1,640	604	31	525	514	11	.....
Woodstock	306	199	106	1	284	178	105	1	22	21	1	.....
Towns:												
Barrie	413	255	144	14	365	221	130	14	48	34	14	.....
Brampton	246	76	170	.....	240	70	170	.....	6	6	.....	.....
Brockville	340	195	139	6	326	183	138	5	14	12	1	1
Cobourg	190	83	107	.....	162	58	104	.....	28	25	3	.....
Collingwood	210	107	102	1	181	81	99	1	29	26	3	.....
Cornwall	646	434	198	14	542	330	198	14	104	104	.....	.....
Dundas	30	29	1	.....	.....	.....	.....	.....	30	29	1	.....
Eastview	129	124	3	2	.....	.....	.....	.....	129	124	3	2
Fort Erie	208	124	81	3	191	109	79	3	17	15	2	.....
Fort Francis	169	126	43	.....	68	47	21	.....	101	79	22	.....
Hawkesbury	261	187	44	30	118	47	43	28	143	140	1	2
Ingersoll	194	123	71	.....	172	101	71	.....	22	22	.....	.....
Kenora	254	147	103	4	251	144	103	4	3	3	.....	.....
Leamington	240	139	100	1	148	68	79	1	92	71	21	.....
Leaside	2	2	.....	.....	.....	.....	.....	.....	2	2	.....	.....
Lindsay	338	154	184	.....	313	129	184	.....	25	25	.....	.....
Midland	252	140	112	.....	216	107	109	.....	36	33	3	.....
Mimico	123	55	68	.....	90	26	64	.....	33	29	4	.....
New Toronto	32	32	.....	.....	.....	.....	.....	.....	32	32	.....	.....
Orillia	339	193	146	.....	227	116	111	.....	112	77	35	.....
Parry Sound	409	183	224	2	373	150	221	2	36	33	3	.....
Pembroke	491	279	192	20	380	176	186	18	111	103	6	2
Port Colborne	112	76	36	.....	1	1	.....	.....	111	75	36	.....
Port Hope	156	107	49	.....	149	100	49	.....	7	7	.....	.....
Preston	18	16	1	1	1	.....	.....	1	17	16	1	.....
Renfrew	190	97	92	1	162	70	91	1	28	27	1	.....
Simcoe	381	125	254	2	362	106	254	2	19	19	.....	.....
Smiths Falls	189	135	53	1	175	122	52	1	14	13	1	.....
Thorold	82	47	35	.....	66	32	34	.....	16	15	1	.....
Timmins	959	892	62	5	412	358	50	4	547	534	12	1
Trenton	134	127	7	.....	3	2	1	.....	131	125	6	.....
Waterloo	37	35	2	.....	1	.....	1	.....	36	35	1	.....
Weston	108	39	69	.....	42	12	30	.....	66	27	39	.....
Whitby	18	17	1	.....	.....	.....	.....	.....	18	17	1	.....
Villages:												
Forest Hill	3	3	.....	.....	.....	.....	.....	.....	3	3	.....	.....
Long Branch	33	30	3	.....	1	.....	1	.....	32	30	2	.....
Swansea	5	5	.....	.....	.....	.....	.....	.....	5	5	.....	.....

Table 9—Births (exclusive of Stillbirths) Classified as Legitimate or Illegitimate and as Single or Plural by Sex, for Cities, Towns, and Villages of 5,000 and over, 1941

Province, Cities, Towns, and Villages	Total births			Legitimate			Illegitimate			Single births			Twin births			Triplets		
	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total
Total for the Province	37254	35008	72262	35521	33357	68878	1733	1651	3384	36526	34338	70864	725	661	693	3	9	4
Cities, Towns, and Villages of 5,000 and over:																		
Barrie	219	194	413	208	194	392	11	10	21	213	188	401	6	6	6	.....	.....	.....
Belleville	397	345	742	389	322	711	8	23	31	391	330	721	5	13	9	1	2	1
Brampton	114	132	246	110	128	238	4	4	8	112	126	238	2	6	4	.....	.....	.....
Brantford	383	408	791	363	387	750	20	21	41	372	403	775	11	5	8	.....	.....	.....
Brockville	184	156	340	178	151	329	6	5	11	182	154	336	2	2	2	.....	.....	.....
Chatham	557	468	1,025	543	456	999	14	12	26	550	457	1,007	7	11	9	.....	.....	.....
Cobourg	105	85	190	99	80	179	6	5	11	105	81	186	.....	4	2	.....	.....	.....
Collingwood	100	110	210	97	108	205	3	2	5	96	108	204	4	2	3	.....	.....	.....
Cornwall	340	306	646	324	298	622	16	8	24	328	302	630	12	4	8	.....	.....	.....
Dundas	11	19	30	11	19	30	.....	.....	.....	11	19	30	.....	.....	.....	.....	.....	.....
Eastview	74	55	129	74	54	128	.....	1	1	72	55	127	2	.....	1	.....	.....	.....
Forest Hill	2	1	3	1	1	2	1	.....	1	2	1	3	.....	.....	.....	.....	.....	.....
Fort Erie	105	103	208	104	100	204	1	3	4	102	102	204	3	1	2	.....	.....	.....
Fort Francis	93	76	169	90	76	166	3	.....	3	90	73	163	3	3	3	.....	.....	.....
Fort William	141	145	286	138	142	280	3	3	6	139	145	284	2	.....	1	.....	.....	.....
Galt	194	192	386	186	184	370	8	8	16	190	188	378	4	4	4	.....	.....	.....
Guelph	164	161	325	161	158	319	3	3	6	158	157	315	6	4	5	.....	.....	.....
Hamilton	1,886	1,757	3,643	1,788	1,657	3,445	98	100	198	1,848	1,718	3,566	37	37	37	1	2	1
Hawkesbury	121	140	261	98	122	220	23	18	41	119	136	255	2	4	3	.....	.....	.....
Ingersoll	91	103	194	90	101	191	1	2	3	90	102	192	1	1	1	.....	.....	.....
Kenora	130	124	254	122	117	239	8	7	15	126	124	250	4	.....	2	.....	.....	.....
Kingston	552	528	1,080	521	494	1,015	31	34	65	544	518	1,062	8	10	9	.....	.....	.....
Kitchener	560	530	1,090	536	517	1,053	24	13	37	547	523	1,070	13	7	10	.....	.....	.....
Leamington	120	120	240	118	117	235	2	3	5	120	116	236	.....	4	2	.....	.....	.....
Leaside	2	.....	2	2	.....	2	.....	.....	.....	2	.....	2	.....	.....	.....	.....	.....	.....
Lindsay	174	164	338	162	162	324	12	2	14	172	162	334	2	2	2	.....	.....	.....
London	1,003	981	1,984	925	898	1,823	78	83	161	985	957	1,942	18	24	21	.....	.....	.....
Long Branch	19	14	33	19	14	33	.....	.....	.....	19	14	33	.....	.....	.....	.....	.....	.....
Midland	140	112	252	129	106	235	11	6	17	139	109	248	1	3	2	.....	.....	.....
Mimico	62	61	123	62	57	119	.....	4	4	62	59	121	.....	2	1	.....	.....	.....
New Toronto	18	14	32	18	14	32	.....	.....	.....	17	13	30	1	1	1	.....	.....	.....
Niagara Falls	329	287	616	313	275	588	16	12	28	325	281	606	4	6	5	.....	.....	.....
North Bay	224	215	439	216	198	414	8	17	25	220	209	429	4	6	5	.....	.....	.....
Orillia	175	164	339	171	155	326	4	9	13	170	161	331	5	3	4	.....	.....	.....
Oshawa	330	314	644	323	305	628	7	9	16	321	309	630	9	5	7	.....	.....	.....
Ottawa	2,132	1,866	3,998	1,983	1,732	3,715	149	134	283	2,080	1,834	3,914	52	32	42	.....	.....	.....
Owen Sound	216	210	426	209	203	412	7	7	14	213	201	414	3	9	6	.....	.....	.....
Parry Sound	211	198	409	200	186	386	11	12	23	203	192	395	8	6	7	.....	.....	.....
Pembroke	251	240	491	243	231	474	8	9	17	244	235	479	7	5	6	.....	.....	.....
Peterborough	436	445	881	412	432	844	24	13	37	434	441	875	2	4	3	.....	.....	.....
Port Arthur	578	548	1,126	540	523	1,063	38	25	63	561	531	1,092	17	17	17	.....	.....	.....
Port Colborne	50	62	112	48	61	109	2	1	3	49	57	106	1	5	3	.....	.....	.....
Port Hope	81	75	156	80	74	154	1	1	2	78	72	150	3	3	3	.....	.....	.....
Preston	11	7	18	10	7	17	1	.....	1	11	7	18	.....	.....	.....	.....	.....	.....
Renfrew	93	97	190	87	96	183	6	1	7	92	96	188	1	1	1	.....	.....	.....

St. Catharines	479	467	946	461	449	910	18	18	36	472	462	934	7	5	6	.....	.....	.....
St. Thomas	281	291	572	266	287	553	15	4	19	267	287	554	14	4	9	.....	.....	.....
Sarnia	303	265	568	291	258	549	12	7	19	299	261	560	4	4	4	.....	.....	.....
Sault Ste. Marie	415	383	798	390	368	758	25	15	40	411	373	784	4	10	7	.....	.....	.....
Simcoe	178	203	381	166	199	365	12	4	16	178	197	375	.....	6	3	.....	.....	.....
Smith's Falls	94	95	189	94	91	185	.....	4	4	92	87	179	2	8	5	.....	.....	.....
Stratford	219	202	421	211	196	407	8	6	14	216	201	417	3	1	2	.....	.....	.....
Sudbury	882	825	1,707	839	780	1,619	43	45	88	871	810	1,681	11	15	13	.....	.....	.....
Swansea	3	2	5	2	2	4	1	.....	1	3	2	5	.....	.....	.....	.....	.....	.....
Thorold	44	38	82	41	38	79	3	.....	3	44	38	82	.....	.....	.....	.....	.....	.....
Timmins	507	452	959	494	426	920	13	26	39	494	443	937	13	9	11	.....	.....	.....
Toronto	6,334	5,952	12,286	5,866	5,524	11,390	468	428	896	6,208	5,830	12,038	*126	119	123	.....	3	1
Trenton	54	80	134	53	77	130	1	3	4	53	79	132	1	1	1	.....	.....	.....
Waterloo	19	18	37	19	17	36	.....	1	1	19	18	37	.....	.....	.....	.....	.....	.....
Welland	272	278	550	259	271	530	13	7	20	270	276	546	2	2	2	.....	.....	.....
Weston	55	53	108	53	52	105	2	1	3	55	53	108	.....	.....	.....	.....	.....	.....
Whitby	10	8	18	9	8	17	1	.....	1	10	8	18	.....	.....	.....	.....	.....	.....
Windsor	1,450	1,350	2,800	1,392	1,275	2,667	58	75	133	1,429	1,331	2,760	21	19	20	.....	.....	.....
Woodstock	141	165	306	133	162	295	8	3	11	139	165	304	2	.....	1	.....	.....	.....

*In the case of one twin confinement, one child (male) was born in the rural part of York County, the other child in Toronto city.

Table 10—Births (exclusive of Stillbirths) Classified

Age of Father	Total	AGE OF																	
		11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Under 16 years	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16 years	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
17 "	22	...	...	...	...	...	...	8	5	4	3	1	1	...	...	...	...	...	...
18 "	107	...	...	1	1	1	11	21	35	18	9	6	2	2	...	...	...	...	...
19 "	407	...	...	...	...	7	29	62	97	96	63	25	9	7	4	2	1	4	...
20 "	899	...	...	...	1	4	22	70	158	213	178	111	57	37	21	7	8	3	3
21 "	1,485	...	...	...	...	5	32	87	191	325	303	259	120	67	35	27	10	10	8
22 "	1,957	...	...	...	1	3	24	68	185	302	373	364	256	164	70	65	37	18	14
23 "	2,598	...	...	...	...	4	21	73	164	323	400	400	363	323	217	133	68	47	24
24 "	3,248	...	...	...	2	2	15	70	155	274	466	506	443	432	357	210	123	75	40
25 "	3,668	...	...	...	...	4	8	38	133	225	345	450	495	484	488	368	276	154	89
26 "	4,038	...	...	...	...	1	9	35	82	210	311	401	465	473	524	471	409	275	148
27 "	4,297	...	...	...	...	5	4	38	66	153	245	331	394	467	504	538	494	431	258
28 "	4,295	...	...	...	...	...	11	27	67	129	162	249	323	388	475	510	529	428	406
29 "	4,080	...	...	...	...	...	6	11	33	102	139	200	233	315	411	418	460	434	414
30 "	4,125	...	...	...	...	1	5	8	36	76	104	151	184	279	325	423	399	470	402
31 "	3,722	...	...	...	...	...	4	11	22	48	62	125	148	176	245	298	391	344	413
32 "	3,534	...	...	...	...	...	6	7	14	33	67	83	130	137	190	245	270	303	331
33 "	3,306	...	...	...	...	...	3	10	23	32	56	60	67	136	135	176	214	275	267
34 "	2,982	...	...	...	...	...	...	4	11	22	29	44	48	75	109	118	169	226	241
35 "	2,655	...	...	...	...	...	1	3	10	11	32	51	47	63	99	112	135	187	192
36 "	2,386	...	...	...	...	...	2	4	11	14	19	35	35	49	47	88	124	122	143
37 "	2,189	...	...	...	...	...	...	2	1	9	23	32	28	27	52	57	89	121	126
38 "	1,883	...	...	...	...	...	...	...	9	9	15	20	23	29	38	52	58	75	95
39 "	1,645	...	...	...	...	...	...	3	2	5	9	23	10	23	35	36	40	64	68
40 "	1,552	...	...	...	1	...	...	...	1	2	11	9	13	19	35	22	47	39	70
41 "	1,354	...	...	...	...	...	...	4	1	5	2	11	15	14	15	19	36	27	33
42 "	1,062	...	...	...	...	...	...	2	4	2	1	9	6	11	12	12	22	32	20
43 "	886	...	...	...	...	...	...	...	1	3	7	3	8	13	2	12	11	17	13
44 "	708	...	...	...	...	...	...	1	...	1	3	2	4	2	6	6	12	11	9
45 "	668	...	...	...	...	...	...	...	1	2	3	1	2	4	6	11	11	5	12
46 "	559	...	...	...	...	...	1	...	1	1	3	1	2	3	6	8	9	10	9
47 "	435	...	...	...	...	...	...	...	...	...	...	...	5	2	2	4	6	8	4
48 "	392	...	...	...	...	...	...	...	1	1	2	3	3	2	2	7	4	5	13
49 "	333	...	...	...	...	...	...	...	...	2	...	...	1	1	1	3	3	3	6
50 "	281	...	...	...	...	...	...	...	...	...	1	...	1	2	3	6	5	3	10
51 "	197	...	...	...	...	...	...	...	...	...	1	1	...	1	2	4	3	4	5
52 "	165	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	2	2	3
53 "	126	...	...	...	...	...	...	...	1	...	1	2	...	1	1	...	...	2	1
54 "	111	...	...	...	...	...	...	...	...	...	1	1	1	2	...	...	6	...	2
55 "	78	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	1	1
56 "	63	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	2	...
57 "	41	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	1	1	1
58 "	45	...	...	...	...	...	...	...	...	...	...	1	1	1	...	1	...	1	...
59 "	41	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2	...	...	1
60 "	30	...	...	...	...	...	...	...	...	...	...	...	...	1	2	...	...	3	...
61 "	16	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	1	...	...
62 "	14	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...
63 "	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1
64 "	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
65 and over	55	...	...	...	...	...	...	...	...	...	1	...	...	1	2	3	1	1	3
Not stated	110	...	...	...	...	...	...	3	6	4	4	3	...	5	3	5	...	2	1
Children born to married mothers. Total	68878	...	...	1	6	37	215	670	1527	2657	3456	3976	3943	4241	4482	4484	4486	4247	3900
M	35,521	...	...	1	4	14	106	336	772	1370	1789	2034	2060	2151	2375	2303	2350	2265	2059
F	33,357	...	...	...	2	23	109	334	755	1287	1667	1942	1883	2090	2107	2181	2136	1982	1841
Children born to unmarried mothers. Total	3,384	1	...	4	16	53	128	188	314	320	324	307	252	211	179	138	176	101	102
M	1,733	1	...	...	6	25	68	90	155	171	162	163	130	104	97	75	87	50	42
F	1,651	...	...	4	10	28	60	98	159	149	162	144	122	107	82	63	89	51	60
Children born to all mothers.... Total	72,262	1	...	5	22	90	343	858	1841	2977	3780	4283	4195	4452	4661	4622	4662	4348	4002
M	37,254	1	...	1	10	39	174	426	927	1541	1951	2197	2190	2255	2472	2378	2437	2315	2101
F	35,008	...	...	4	12	51	169	432	914	1436	1829	2086	2005	2197	2189	2244	2225	2033	1901

according to Age of Parents, Ontario, 1941

MOTHER

29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50 and over	Not stated
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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2	2	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
8	1	1	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
11	8	6	3	2	5	1	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....
37	16	10	6	2	2	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1
47	30	13	7	6	2	1	1	1	3	....	....	....	....	....	....	....	....	....	....	....	....	....
99	53	18	9	13	9	5	7	4	2	....	....	2	1	....	....	....	....	....	....	....	....	2
136	101	44	36	29	7	4	7	2	1	1	....	....	1	....	....	....	....	....	....	....	....	....
234	142	81	48	34	20	14	4	2	4	3	3	1	....	1	....	....	....	....	....	....	....	....
356	231	117	76	39	35	18	13	7	3	3	2	2	....	....	....	....	....	....	....	....	....	2
373	356	219	125	70	41	33	16	15	4	6	1	....	1	1	....	....	....	....	....	....	....	1
367	335	280	176	105	61	48	26	12	9	5	6	2	1	....	....	....	....	....	....	....	....	2
360	360	287	286	181	106	50	43	17	10	7	4	3	1	....	....	....	....	....	....	....	....	3
346	329	307	267	268	124	89	55	25	24	7	8	1	1	1	....	....	....	....	....	....	....	....
302	272	251	256	265	212	136	72	52	27	20	7	3	6	3	2	....	....	....	....	....	....	....
214	208	220	262	206	207	163	97	57	35	16	16	5	4	1	....	....	....	....	....	....	....	1
159	165	218	216	211	206	177	156	90	45	28	12	6	....	....	1	1	....	1	....	....	....	1
123	147	147	199	184	196	183	153	136	66	39	26	14	3	4	....	2	....	....	....	....	....	....
99	109	125	135	157	171	155	155	131	124	41	25	12	11	2	6	1	....	....	....	....	....	1
92	81	85	115	114	134	148	131	129	113	93	39	25	18	6	....	1	1	....	....	....	....	2
60	82	82	95	109	119	127	136	111	112	105	77	43	13	7	2	1	1	....	....	....	....	1
54	69	73	66	80	111	107	126	109	96	106	70	52	36	12	1	3	1	....	....	....	....	....
37	44	62	56	62	56	68	79	99	96	70	84	56	39	17	4	....	....	....	....	....	....	....
23	29	42	48	51	45	67	75	78	80	62	60	50	43	23	15	3	1	....	....	....	....	1
20	22	19	22	30	57	50	57	49	75	53	52	46	50	28	19	2	....	....	....	....	....	....
16	21	17	28	26	44	62	47	49	47	41	48	50	44	43	16	6	4	....	....	1	....	....
13	16	21	20	23	31	35	42	44	50	34	39	43	25	22	24	13	9	....	1	....	....	....
7	10	16	25	17	28	16	25	43	36	30	35	38	23	25	12	10	5	2	1	....	....	....
7	5	10	15	12	24	21	24	36	33	35	33	25	22	17	18	6	2	2	1	....	....	1
6	8	10	12	22	20	20	22	14	38	37	19	20	18	16	16	6	5	4	....	....	....	....
6	9	13	12	10	10	10	21	14	21	18	26	21	19	13	12	10	3	1	1	....	....	....
3	4	10	7	5	7	5	12	12	19	22	18	19	8	10	8	5	1	....	....	....	....	1
1	4	5	8	11	6	5	7	5	13	16	21	16	14	9	7	6	2	2	....	....	....	....
5	2	4	5	12	5	3	9	6	14	11	7	7	6	9	1	6	3	1	1	....	....	....
3	2	4	4	7	5	6	8	7	6	7	6	9	5	8	5	2	3	....	....	....	1	....
2	2	4	3	2	5	6	6	1	3	6	10	3	7	1	1	8	2	1	....	....	....	....
3	3	3	1	3	2	5	4	1	6	10	6	3	2	2	....	1	4	....	....	....	....	....
....	....	3	....	....	1	3	2	3	2	4	4	5	5	1	....	1	1	1	....	....	....	....
....	1	1	1	....	3	2	1	2	6	2	2	4	5	4	2	3	1	....	....	....	....	....
3	1	3	5	2	2	1	2	....	....	1	4	5	1	1	2	2	....	1	....	....	....	....
1	1	1	1	2	1	1	4	2	1	4	1	....	....	1	1	1	1	....	....	....	....	....
2	1	....	....	....	2	2	....	....	1	2	....	1	....	....	....	1	....	....	1	....	....	....
....	....	....	....	....	2	1	1	2	....	....	....	2	2	1	....	....	....	1	....	....	....	....
1	....	....	1	1	....	1	....	2	4	....	2	....	....	....	....	....	....	....	....	....	....	....
1	....	....	....	1	2	1	1	1	1	....	....	1	1	....	....	....	....	....	....	....	....	....
4	....	2	....	2	4	1	4	3	3	3	6	3	4	2	....	1	1	....	....	....	....	....
1	2	1	2	2	....	1	1	1	1	1	....	....	....	....	....	....	....	....	....	....	....	61
3644	3287	2838	2662	2379	2130	1854	1653	1375	1236	951	779	598	440	291	175	101	51	17	6	1	1	81
1901	1659	1414	1331	1218	1132	951	865	718	618	488	373	296	212	146	92	44	22	7	3	1	1	40
1743	1628	1424	1331	1161	998	903	788	657	618	463	406	302	228	145	83	57	29	10	3	....	....	41
105	67	58	41	47	40	40	33	24	29	23	12	14	7	4	2	2	2	....	....	....	....	20
53	41	33	20	28	18	27	13	13	16	14	5	6	5	2	1	1	....	....	....	....	....	11
52	26	25	21	19	22	13	20	11	13	9	7	8	2	2	1	1	2	....	....	....	....	9
3749	3354	2896	2703	2426	2170	1894	1686	1399	1265	974	791	612	447	295	177	103	53	17	6	1	1	101
1954	1700	1447	1351	1246	1150	978	878	731	634	502	378	302	217	148	93	45	22	7	3	1	1	51
1795	1654	1449	1352	1180	1020	916	808	668	631	472	413	310	230	147	84	58	31	10	3	....	....	50

Table 11—Births (exclusive of Stillbirths) Classified according to Racial Origin of Parents, Ontario, 1941

Racial Origin of Father	Total	RACIAL ORIGIN OF MOTHER																																				
		English	Irish	Scottish	Welsh	French	Armenian	Austrian	Belgian	Bulgarian	Chinese	Czech and Slovak	Danish	Dutch	Finnish	German	Greek	Hindu	Hungarian	Icelandic	Indian	Italian	Japanese	Jewish	Negro	Norwegian	Polish	Roumanian	Russian	Serb and Croat	Swedish	Swiss	Syrian	Ukrainian*	Other	Not specified
English	24459	14973	3278	3309	121	1027	...	16	21	...	1	11	21	353	53	579	6	1	26	8	44	102	..	6	1	48	104	18	39	6	55	47	8	87	10	80
Irish	11709	3442	4383	1871	67	970	...	9	3	...	...	5	14	208	31	336	5	..	5	4	19	62	..	3	1	24	69	6	7	3	37	18	7	66	12	22
Scottish	9795	3497	1905	2947	62	574	...	11	9	...	...	4	14	187	32	269	4	..	9	5	24	40	..	3	...	24	45	4	16	2	23	13	5	41	2	24
Welsh	487	190	89	80	28	32	...	1	...	...	...	1	1	18	2	18	...	..	1	..	...	2	..	1	1	3	2	1	...	...	3	...	3	5	...	5
French	9989	905	762	418	14	7429	...	3	11	2	...	5	4	59	20	131	3	..	3	1	33	44	..	4	1	14	49	9	2	2	14	6	2	25	3	11
Armenian	23	1	1	1	...	2	16	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Austrian	107	27	12	5	1	8	...	17	...	...	...	1	..	2	5	7	...	...	1	...	...	...	...	...	...	...	8	1	1	1	...	...	...	9	...	1
Belgian	206	27	12	14	...	13	...	1	114	...	...	1	..	9	..	8	...	..	1	...	...	...	...	...	1	1	2	...	...	...	...	1	...	...	...	1
Bulgarian	28	3	3	1	1	1	...	...	...	9	...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	4	...	...
Chinese	56	7	2	1	...	3	...	...	...	...	39	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	2	...	...
Czech and Slovak	328	14	4	3	...	7	...	2	...	...	...	255	1	1	1	3	...	...	7	...	...	1	...	...	...	1	4	...	2	1	...	1	..	19	1	...
Danish	140	47	18	14	1	11	...	...	...	...	...	...	19	4	10	4	...	...	...	...	...	2	...	...	...	3	...	...	1	...	2	...	...	3	...	1
Dutch	1206	365	195	183	4	72	...	5	11	...	...	1	..	270	2	47	1	1	1	..	3	2	..	2	...	2	11	1	1	1	3	4	..	11	...	7
Finnish	356	21	13	13	1	19	...	...	...	...	...	...	..	2	259	1	...	...	...	..	3	2	..	...	...	1	1	...	...	...	9	...	..	10	...	1
German	2943	569	342	260	9	162	...	10	...	...	...	5	4	29	4	1422	2	..	4	..	...	9	..	1	...	7	38	4	7	1	2	25	..	16	4	7
Greek	116	18	6	2	...	5	...	...	...	...	...	...	...	...	1	2	67	..	1	..	...	2	..	...	...	...	1	...	1	2	...	...	1	7	...	...
Hindu	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hungarian	341	20	12	8	...	11	...	2	3	...	...	5	2	...	1	8	...	..	241	..	2	2	..	1	1	3	5	1	1	3	...	...	1	8	...	...
Icelandic	26	10	5	4	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
Indian	654	23	9	6	...	14	...	1	...	...	...	...	...	1	...	3	1	..	...	..	591	1	...	...	1	...	...	...	...	...	...	...	...	1	1	1
Italian	1090	155	71	42	3	63	...	2	...	...	...	1	1	7	5	12	...	..	8	..	1	654	..	2	...	...	26	1	4	3	3	1	2	20	1	2
Japanese	2	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Jewish	991	20	6	7	1	3	...	...	...	...	...	...	...	2	2	...	...	...	...	..	2	1	..	937	...	...	5	...	3	...	...	...	...	1	1	...
Negro	160	3	3	2	...	1	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	1	...	...	145	...	...	...	...	...	...	1	...	...	...	1
Norwegian	164	52	23	19	1	17	...	1	...	...	...	...	4	2	6	9	...	...	...	...	...	1	...	...	...	14	1	...	1	...	10	1	..	1	...	1
Polish	941	81	36	26	...	57	...	4	2	...	...	3	..	6	3	33	...	..	2	1	1	10	..	4	...	2	546	11	16	...	3	...	1	87	4	2
Roumanian	129	18	5	4	...	7	...	3	...	...	...	...	...	4	...	4	...	..	2	..	1	2	...	...	...	...	12	55	3	1	...	...	..	8	...	...
Russian	221	34	8	11	1	13	...	5	1	...	...	2	..	7	1	3	...	..	1	..	1	1	...	...	...	2	22	8	75	...	...	...	..	24	1	...
Serb and Croat	230	8	6	3	...	8	...	1	...	...	...	5	2	...	1	6	...	..	6	..	2	5	..	1	...	...	7	3	1	153	1	...	..	11	...	...
Swedish	245	52	32	21	4	15	...	3	2	...	...	1	1	5	18	13	...	..	1	..	2	1	...	...	...	10	4	...	...	...	53	...	..	6	...	1
Swiss	256	48	18	22	1	17	...	1	...	...	...	...	...	3	...	35	...	..	...	..	1	2	...	...	...	...	3	...	...	...	1	103	..	...	...	1
Syrian	82	13	6	3	...	12	...	...	...	...	...	1	...	...	...	...	1	..	...	...	...	1	...	...	...	...	2	...	...	...	...	...	40	2	...	1
Ukranian*	959	67	22	26	2	35	...	3	...	...	...	6	1	3	5	11	2	..	7	..	1	13	..	1	...	1	69	3	10	2	1	...	1	666	...	1
Other	98	17	9	6	...	7	...	...	...	1	...	...	1	2	3	4	...	..	...	..	...	5	...	...	...	...	2	...	2	...	2	...	..	3	34	...
Not specified	340	72	22	28	1	21	...	2	...	...	...	...	..	4	2	6	...	..	1	..	2	4	..	...	...	1	3	...	1	...	.	1	..	2	...	167
Children born to married mothers T.	68878	24799	11318	9361	323	10638	16	103	178	12	41	313	90	1190	468	2977	92	2	328	23	734	972	1	967	152	161	1045	126	194	181	223	222	71	1145	74	338
M.	35521	12648	5874	4963	160	5516	6	65	92	5	22	168	53	601	234	1547	41	..	179	6	358	499	..	481	86	95	517	64	89	99	108	121	27	590	35	172
F.	33357	12151	5444	4398	163	5122	10	38	86	7	19	145	37	589	234	1430	51	2	149	17	376	473	1	486	66	66	528	62	105	82	115	101	44	555	39	166

Children born to unmarried mothers T.	3384	1137	537	428	15	551	...	2	5	...	...	9	5	59	23	102	3	..	16	..	158	36	..	9	24	11	60	9	13	8	10	3	4	77	3	67
M.	1733	567	277	230	9	275	...	1	3	...	...	6	1	17	13	64	3	..	8	..	72	19	..	7	14	8	30	3	5	4	6	1	2	46	2	40
F.	1651	570	260	198	6	276	...	1	2	...	...	3	4	42	10	38	...	..	8	..	86	17	..	2	10	3	30	6	8	4	4	2	2	31	1	27
Children born to all mothers. T.	72262	25936	11855	9789	338	11189	16	105	183	12	41	322	95	1249	491	3079	95	2	344	23	892	1008	1	976	176	172	1105	135	207	189	233	225	75	1222	77	405
M.	37254	13215	6151	5193	169	5791	6	66	95	5	22	174	54	618	247	1611	44	..	187	6	430	518	..	488	100	103	547	67	94	103	114	122	29	636	37	212
F.	35008	12721	5704	4596	169	5398	10	39	88	7	19	148	41	631	244	1468	51	2	157	17	462	490	1	488	76	69	558	68	113	86	119	103	46	586	40	193

*Including "Galician" and "Bukovinian."

Table 12—Legitimate Births (exclusive of Stillbirths) Classified

Racial Origin of Mother	Total	AGE OF															
		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
English	24,799	...	3	14	69	241	550	976	1304	1529	1394	1533	1643	1648	1749	1585	1483
Irish	11,318	...	...	7	15	99	221	402	531	600	635	675	758	747	714	642	624
Scottish	9,361	...	1	3	26	62	187	303	424	503	496	519	585	567	591	607	577
Welsh	323	...	...	...	3	4	4	15	20	24	16	20	22	19	18	14	18
French	10,638	1	...	8	58	142	283	467	562	590	653	711	692	679	643	603	538
Armenian	16	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	1
Austrian	103	...	...	...	...	...	1	5	7	4	9	8	6	7	7	4	3
Belgian	178	...	...	...	...	1	3	11	15	15	8	4	16	9	7	6	12
Bulgarian	12	...	...	...	...	...	2	...	1	...	1	...	...	...	1	1	...
Chinese	41	...	...	...	...	...	1	...	3	1	2	2	6	5	...	2	3
Czech and Slovak	313	...	...	...	...	...	5	12	15	8	8	13	13	7	8	10	12
Danish	90	...	...	...	...	...	1	5	3	5	9	1	5	9	9	5	4
Dutch	1,190	...	...	...	14	21	28	54	66	77	79	68	64	75	64	75	51
Finnish	468	...	...	...	...	4	10	23	17	26	20	30	27	28	34	26	26
German	2,977	...	1	...	9	23	57	98	122	172	170	177	190	181	184	202	169
Greek	92	...	...	...	...	1	1	4	3	3	5	8	9	8	9	1	4
Hindu	2	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...
Hungarian	328	...	...	1	...	5	10	23	27	34	16	10	14	17	17	21	12
Icelandic	23	...	...	...	...	...	1	...	1	1	3	2	3	1	1	1	...
Indian	734	...	1	3	7	20	39	45	48	38	48	37	40	41	30	40	29
Italian	972	...	...	...	3	6	21	45	52	55	62	75	66	66	80	63	68
Japanese	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jewish	967	...	...	...	...	...	6	9	15	33	39	44	61	69	84	86	80
Negro	152	...	...	...	...	2	6	7	15	10	11	11	10	10	11	3	8
Norwegian	161	...	...	...	...	2	5	4	8	6	15	12	8	15	15	9	7
Polish	1,045	...	...	...	6	9	18	37	64	58	72	80	72	74	52	65	53
Roumanian	126	...	...	...	...	...	7	5	5	6	9	13	10	11	10	12	4
Russian	194	...	...	...	...	2	2	9	11	21	11	8	14	17	15	13	8
Serb and Croat	181	...	...	...	1	4	9	5	13	12	6	6	9	7	6	6	8
Swedish	223	...	...	...	...	...	1	5	9	13	13	19	14	23	10	17	13
Swiss	222	...	...	...	...	...	2	5	8	8	13	8	10	24	10	16	15
Syrian	71	...	...	...	...	...	...	2	4	2	2	6	3	8	6	6	1
Ukrainian*	1,145	...	...	...	3	18	36	61	60	91	95	106	96	85	83	83	50
Other	74	...	...	...	...	1	2	3	4	4	9	5	3	6	3	4	...
Not specified	338	...	...	1	1	3	8	17	19	25	14	29	13	20	15	19	19
Total	68,878	1	6	37	215	670	1527	2657	3456	3976	3943	4241	4482	4484	4486	4247	3900

*Including "Galician" and "Bukovinian".

according to Age and Racial Origin of Mothers, Ontario, 1941

MOTHER

29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50 and over	Not stated
1317	1202	1025	915	811	732	651	546	428	383	289	234	189	136	95	61	28	23	5	2	...	1	5
604	552	482	463	437	380	327	289	257	218	185	136	131	75	54	28	15	6	3	1	...	...	5
530	487	421	411	370	325	283	227	193	176	136	109	87	70	37	21	8	5	1	2	...	...	2
15	15	12	20	13	11	9	12	5	4	1	4	...	2	1	...	2	...	...	...	...	...	...
554	461	382	351	345	312	256	267	233	214	158	142	103	91	49	31	26	7	3	...	...	...	23
...	2	2	1	3	...	2	...	1	...	...	1	1	...	...	...	...	...	...	...	...	...	...
9	6	1	1	5	5	3	1	3	2	...	4	1	...	...	1	...	...	...	...	...	...	...
6	9	3	6	3	4	6	3	9	5	6	6	2	1	...	...	2	...	...	...	...	...	...
...	...	...	1	1	1	...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...
4	1	1	...	2	1	1	...	...	...	1	...	3	1	1	...	...	...	...	...	...	...	...
12	16	26	20	18	19	17	15	14	16	10	16	1	1	1	...	...	...	...	...	...	...	...
2	5	1	4	1	3	5	2	1	2	1	2	1	3	1	...	...	...	...	...	...	...	...
60	50	53	54	41	37	24	30	16	17	20	18	6	5	11	8	1	2	...	...	...	...	1
20	24	17	15	20	23	12	15	9	13	9	9	5	3	1	2	...	...	...	...	...	...	...
163	153	137	121	125	81	86	79	54	69	49	28	26	16	9	11	8	4	2	1	...	...	...
2	3	5	1	3	8	3	2	2	1	1	1	...	...	1	...	...	...	2	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	7	11	10	10	9	9	16	4	10	7	3	5	3	2	1	...	...	...	...	...	...	...
3	1	1	...	1	1	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
35	33	26	23	13	24	19	16	9	15	18	11	7	7	6	1	3	2	...	...	...	...	...
52	43	29	29	21	23	16	16	23	15	10	12	4	7	4	3	...	2	1	...	...	...	...
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
75	70	61	65	38	28	25	25	21	13	9	2	4	3	1	...	...	...	...	...	...	...	1
7	3	7	4	2	2	4	4	2	2	3	3	...	1	3	1	...	...	...	...	...	...	...
10	4	9	6	1	8	2	3	5	2	2	2	...	...	1	...	...	...	...	...	...	...	...
41	50	35	47	31	26	32	20	32	23	11	11	6	4	5	3	5	...	...	...	...	...	3
3	1	3	5	1	3	4	3	3	2	3	1	2	...	...	...	...	...	...	...	...	...	...
11	4	7	7	10	5	3	4	6	...	1	4	...	...	1	...	...	...	...	...	...	...	...
4	7	9	6	1	9	11	10	14	5	3	4	2	2	1	...	...	...	...	...	...	...	1
14	13	10	14	9	2	4	6	2	2	2	3	3	...	1	...	...	...	...	...	...	...	1
13	12	8	6	8	13	9	10	3	5	3	4	1	3	3	2	...	...	...	...	...	...	...
8	3	2	4	2	...	1	4	...	2	1	3	...	...	1	...	...	...	...	...	...	...	...
32	35	37	33	20	27	26	19	18	10	6	5	3	2	1	1	1	...	...	...	1	...	1
7	4	8	2	2	2	...	...	3	...	...	...	...	1	...	...	1	...	...	...	...	...	...
8	10	7	17	11	6	3	8	5	9	4	1	5	3	...	...	1	...	...	...	...	...	37
3644	3287	2838	2662	2379	2130	1854	1653	1375	1236	951	779	598	440	291	175	101	51	17	6	1	1	81

Table 13—Births (exclusive of Stillbirths) Classified

Birthplace of Father	Total	BIRTHPLACE														
		Canada										British Isles				
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other
Canada	55,505	44	350	275	2964	44,433	1040	1165	331	143	30	1842	260	787	61	6
Prince Edward Island	74	19	4	....	....	33	2	3	2	....	....	5	....	2	....	....
Nova Scotia	465	5	118	8	21	223	11	8	8	1	....	18	5	10	2	....
New Brunswick	382	3	19	95	43	164	6	7	3	2	....	16	2	4	1	....
Quebec	3,403	4	17	35	1321	1764	34	36	10	7	1	54	7	21	4	....
Ontario	48,218	11	177	118	1504	40,879	485	661	193	95	5	1631	233	708	49	6
Manitoba	1,228	1	4	12	34	511	406	90	21	5	....	41	5	17	4	....
Saskatchewan	1,096	1	4	4	25	517	70	326	27	12	....	41	4	17	....	....
Alberta	415	....	5	2	7	238	14	24	56	5	....	20	2	5	1	....
British Columbia	172	....	2	1	9	86	12	10	11	16	....	10	2	2	....	....
Province not specified	52	....	....	....	....	18	....	....	....	....	24	6	....	1	....	....
British Isles	7,222	5	52	24	155	4,450	124	93	47	20	12	1057	261	620	47	2
England	4,503	2	35	16	105	2,888	72	58	33	20	10	796	56	212	20	2
Ireland	817	1	4	4	13	448	20	10	....	....	....	70	163	64	3	....
Scotland	1,696	2	10	4	32	982	29	23	12	....	2	170	39	332	7	....
Wales	190	....	2	....	4	123	3	2	2	....	....	17	3	11	17	....
Other	16	....	1	....	1	9	....	....	....	....	....	4	....	1	....	....
British Possessions	245	2	4	....	14	138	1	3	4	2	....	23	1	8	2	....
Newfoundland	135	1	2	....	8	73	1	2	1	....	....	13	1	2	....	....
Other	110	1	2	....	6	65	....	1	3	2	....	10	....	6	2	....
Europe	4161	....	7	6	88	1,192	168	128	25	6	8	61	9	22	2	....
Austria	137	....	....	1	6	31	15	8	2	....	....	1	....	2	1	....
Belgium	144	....	....	....	1	40	6	2	1	....	....	....	2	1	....	....
Denmark	98	....	....	....	....	49	1	2	1	1	1	5	2	3	....	....
Finland	224	....	....	....	3	82	4	4	1	2	....	1	....	1	....	....
France	30	....	1	....	1	12	....	2	....	....	....	1	....	....	....	....
Germany	120	....	....	....	4	59	4	8	1	....	1	5	....	....	....	....
Holland	140	....	....	1	3	55	....	2	1	....	....	8	1	2	....	....
Hungary	272	....	....	1	....	30	5	11	....	....	....	2	....	....	....	....
Italy	558	....	4	....	17	251	5	....	1	....	2	13	1	....	....	....
Norawy	51	....	....	....	2	24	2	3	....	....	....	1	....	2	....	....
Poland	977	....	....	1	24	240	64	31	11	....	2	6	1	3	....	....
Roumania	172	....	2	....	8	44	8	19	1	2	....	1	....	2	....	....
Russia*	446	....	....	....	9	96	33	28	4	....	1	11	....	2	....	....
Sweden	83	....	....	....	2	45	6	3	1	1	....	1	....	....	....	....
Other	709	....	....	2	8	134	15	5	....	....	1	5	2	4	1	....
Asia	136	....	....	1	6	44	2	5	2	14	....	3	2	1	1	....
China	65	....	....	1	4	22	1	2	2	12	....	3	....	1	....	....
Japan	5	....	....	....	....	4	....	....	....	1	....	....	....	....	....	....
Other	66	....	....	....	2	18	1	3	....	1	....	....	2	....	1	....
United States	1,485	3	12	6	57	989	40	51	18	10	4	57	15	24	1	....
Various	35	....	2	....	2	21	....	1	....	....	1	3	....	1	1	....
Not specified	89	....	....	....	6	30	....	....	....	....	....	1	1	1	....	....
Children born to married reothers	68,878	54	427	312	3292	51,297	1375	1446	427	195	55	3047	549	1464	115	8
Children born to unmarried mothers	3,384	3	18	18	160	2,663	72	77	29	6	4	103	14	47	2	....
Children born to all mothers	72,262	57	445	330	3452	53,960	1447	1523	456	201	59	3150	563	1511	117	8

*Including the Ukraine.

according to Birthplace of Parents, Ontario, 1941

OF MOTHER

British Possessions		Europe															Asia					
Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia*	Sweden	Other	China	Japan	Other	United States	Various	Not specified
63	39	10	21	8	48	8	26	23	23	48	9	122	13	65	14	34	8	4	4	1162	11	11
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	3	..	....
3	....	....	....	....	....	....	....	....	2	....	....	1	....	1	....	1	....	....	....	19	..	....
....	2	....	....	....	1	....	....	....	....	1	....	....	1	....	....	1	....	....	....	11	..	....
3	2	....	2	....	1	1	1	....	....	2	....	5	3	3	1	2	1	....	2	59	..	....
56	33	6	16	6	46	6	21	22	18	43	6	87	7	47	12	27	5	3	2	973	11	10
1	....	3	1	1	....	1	2	....	....	....	1	18	2	6	1	1	....	....	....	39	..	....
....	....	....	1	1	....	....	....	....	1	1	1	8	....	7	....	2	....	....	....	26	..	....
....	1	1	1	....	....	....	1	....	2	1	1	2	....	1	....	....	1	....	....	24	..	....
....	1	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	1	....	....	7	..	....
....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	..	1
22	21	3	5	2	3	2	5	5	2	3	....	11	1	8	2	6	1	1	....	146	2	2
17	16	1	4	1	1	....	4	4	....	2	....	10	1	6	2	5	1	....	....	100	2	1
....	1	1	....	1	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	12	..	....
4	3	1	1	....	2	2	1	....	1	1	....	1	....	2	....	1	....	1	....	30	..	1
1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	..	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	....
27	9	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	6	..	....
27	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	..	....
....	9	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	2	..	....
....	1	62	83	16	147	13	37	65	213	241	14	614	56	242	12	501	2	....	2	117	..	1
....	....	40	....	....	3	....	....	....	1	....	....	9	2	4	....	5	....	....	....	6	..	....
....	....	....	74	....	....	1	....	8	....	....	1	1	....	....	....	....	....	....	....	6	..	....
....	....	....	....	15	8	....	1	....	....	1	1	....	....	....	....	....	....	....	....	7	..	....
....	....	....	....	....	114	....	....	....	....	....	....	....	....	....	1	....	....	....	....	11	..	....
....	....	....	2	....	....	6	....	....	....	1	....	....	....	....	....	1	1	....	....	2	..	....
....	....	3	....	1	....	....	26	1	1	....	....	3	2	1	....	....	....	....	....	....	..	....
....	....	....	7	....	....	....	3	53	....	....	....	2	....	....	....	....	....	....	....	2	..	....
....	....	2	....	....	1	....	1	....	191	....	....	2	3	1	....	14	....	....	1	7	..	....
....	....	1	....	....	1	2	....	....	....	236	....	2	....	....	....	3	....	....	....	19	..	....
....	....	....	....	....	5	1	....	....	....	....	7	....	....	....	....	....	....	....	....	4	..	....
....	1	2	....	....	1	2	3	1	1	....	....	513	3	34	....	10	1	....	....	21	..	1
....	....	1	....	....	....	....	1	1	2	1	....	21	40	8	....	7	....	....	....	3	..	....
....	....	6	....	....	2	....	1	1	....	....	1	42	1	191	....	6	....	....	1	10	..	....
....	....	1	....	....	6	....	....	....	....	....	4	....	....	....	11	....	....	....	....	2	..	....
....	....	6	....	....	6	1	1	....	17	2	....	19	5	3	....	455	....	....	....	17	..	....
1	....	....	....	....	....	....	....	1	....	....	....	2	....	....	....	2	16	....	29	4	..	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	16	....	....	1	..	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	....
1	....	....	....	....	....	....	....	1	....	....	....	2	....	....	....	2	....	....	29	3	..	....
2	5	2	3	....	3	1	4	2	3	2	1	5	2	5	1	6	....	....	1	150	..	....
....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	1	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	..	49
115	75	77	112	26	201	24	72	97	241	294	24	755	72	320	29	549	27	5	36	1587	14	63
4	4	2	2	2	9	1	1	....	8	2	4	15	3	12	3	16	1	....	....	56	..	23
119	79	79	114	28	210	25	73	97	249	296	28	770	75	332	32	565	28	5	36	1643	14	86

Table 14—Legitimate Births (exclusive of Stillbirths) Classified

Birthplace of Mother	Total	AGE OF																
		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Canada	58,880	1	6	31	209	634	1410	2449	3147	3587	3610	3908	4080	4081	4073	3796	3408	3073
Prince Edward Island	54	...	...	...	...	...	...	1	...	3	2	2	10	3	7	1	...	4
Nova Scotia	427	...	...	...	...	2	5	14	18	29	24	33	28	31	36	29	26	17
New Brunswick	312	...	...	...	...	3	3	10	18	14	7	21	17	28	20	23	21	18
Quebec	3,292	1	...	3	8	25	48	107	118	165	169	190	195	241	249	194	194	188
Ontario	51,297	...	6	28	194	577	1297	2205	2801	3157	3134	3384	3547	3448	3434	3245	2927	2651
Manitoba	1,375	...	...	...	4	14	21	42	68	77	96	104	117	128	117	112	86	73
Saskatchewan	1,446	...	...	...	2	10	23	47	89	99	141	126	123	136	141	130	97	78
Alberta	427	...	...	...	...	1	8	14	27	33	28	39	27	41	45	46	30	22
British	195	...	...	...	1	1	4	5	6	9	7	5	11	19	18	13	23	21
Province not specified	55	...	...	...	..	1	1	4	2	1	2	4	5	6	6	3	4	1
British Isles	5,183	...	...	1	1	8	34	64	134	195	176	204	208	208	191	199	253	300
England	3,047	...	...	...	1	7	18	30	74	115	97	138	127	126	96	91	150	179
Ireland	549	...	...	...	...	...	6	11	12	14	14	13	15	19	25	25	26	30
Scotland	1,464	...	...	1	...	...	8	21	39	63	60	48	60	57	59	74	72	85
Wales	115	...	...	...	...	1	2	2	8	3	5	4	6	6	11	8	5	6
Other	8	...	...	...	...	...	...	...	1	...	...	1	...	...	...	1	...	...
British Possessions	190	...	...	...	...	...	1	5	6	6	10	8	6	16	19	11	11	13
Newfoundland	115	...	...	...	...	...	...	4	4	4	5	5	5	9	11	9	6	10
Other	75	...	...	...	...	...	1	1	2	2	5	3	1	7	8	2	5	3
Europe	2,893	...	...	1	2	18	58	94	110	124	78	59	65	91	106	128	142	146
Austria	77	...	...	...	...	...	...	...	...	2	1	3	...	3	...	2	3	3
Belgium	112	...	...	...	...	...	3	4	7	10	3	1	5	3	3	4	8	6
Denmark	26	...	...	...	...	...	1	...	1	...	1	1	...	2	2	...	...	...
Finland	201	...	...	...	...	2	3	8	4	8	3	6	4	2	5	7	11	4
France	24	...	...	...	...	...	...	...	...	...	1	1	1	3	...	2	...	2
Germany	72	...	...	...	...	1	1	2	3	2	3	...	...	1	2	5	...	3
Holland	97	...	...	...	...	...	2	6	5	8	4	3	5	5	2	5	1	5
Hungary	241	...	...	1	...	4	9	20	21	24	8	1	3	8	8	12	9	9
Italy	294	...	...	...	...	1	4	6	12	13	9	4	8	8	16	13	18	18
Norway	24	...	...	...	...	...	1	...	...	2	2	2	...	1	...	...	2	2
Poland	755	...	...	...	2	4	11	20	20	16	20	13	12	25	28	36	47	52
Roumania	72	...	...	...	...	...	5	4	4	5	1	1	2	2	5	1	2	3
Russia*	320	...	...	...	...	3	1	5	7	9	10	6	9	17	23	22	21	16
Sweden	29	...	...	...	...	...	1	1	3	3	...	2	...	...	...	1	...	1
Other	549	...	...	...	...	3	16	18	23	22	12	15	16	11	12	18	20	22
Asia	68	...	...	...	...	...	...	3	2	1	...	1	2	...	2	3	3	7
China	27	...	...	...	...	...	...	1	...	...	...	...	2	...	1	2	1	5
Japan	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Other	36	...	...	...	...	...	...	2	2	1	...	1	...	...	1	1	1	2
United States	1,587	...	...	4	3	10	24	39	56	63	68	57	115	87	95	107	81	104
Various	14	...	...	...	...	...	...	1	...	...	1	1	2	1	...	1	...	1
Not specified	63	...	...	...	...	...	...	2	1	...	...	3	4	...	...	2	2	...
Total	68,878	1	6	37	215	670	1527	2657	3456	3976	3943	4241	4482	4484	4486	4247	3900	3644

*Including the Ukraine.

according to Age and Birthplace of Mothers, Ontario, 1941

MOTHER

30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50 and over	Not stated
2661	2236	2074	1856	1594	1358	1212	999	882	693	569	436	301	218	129	75	39	13	2	....	1	29
1	3	7	1	1	1	3	....	1	1	1	....	1	....	....	....	....	....	....	....	....	....
19	15	19	21	9	11	9	7	6	5	5	2	1	5	1	....	....	....	....	....	....	....
23	11	22	10	8	7	6	7	1	4	8	....	1	1	....	....	....	....	....	....	....	....
155	138	116	120	101	97	100	88	64	55	53	42	33	12	4	9	5	2	....	....	....	3
2307	1959	1821	1621	1417	1191	1066	869	801	615	495	389	259	195	120	66	34	11	2	....	1	23
63	55	38	44	22	28	18	21	6	6	3	2	3	3	3	....	....	....	....	....	....	1
57	37	37	16	26	13	4	4	1	4	2	....	1	....	....	....	....	....	....	....	....	2
17	13	10	12	4	2	3	2	1	....	1	....	1	....	....	....	....	....	....	....	....	....
17	4	3	8	5	6	3	1	....	3	....	....	....	1	1	....	....	....	....	....	....	....
2	1	1	3	1	2	....	....	1	....	1	1	1	1	....	....	....	....	....	....	....	....
357	316	300	296	297	275	243	198	195	137	105	99	88	43	30	14	7	1	3	....	....	3
209	197	169	155	169	171	142	121	115	79	69	67	66	27	22	11	6	....	2	....	....	1
35	32	40	40	39	31	19	24	23	21	8	11	5	5	3	1	1	1	....	....	....	....
104	83	86	99	82	66	74	50	55	35	27	21	16	10	5	1	....	....	1	....	....	2
7	4	5	2	7	6	7	3	1	2	1	....	1	1	....	1	....	....	....	....	....	....
2	....	....	....	....	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
10	11	8	8	8	10	3	3	5	3	1	2	4	1	1	....	....	....	....	....	....	....
8	6	4	5	3	6	2	2	2	....	....	2	2	1	....	....	....	....	....	....	....	....
2	5	4	3	5	4	1	1	3	3	1	....	2	....	1	....	....	....	....	....	....	....
162	180	187	140	170	155	145	130	126	82	77	40	30	19	11	7	4	3	....	1	....	2
6	4	3	7	5	5	7	3	10	1	5	1	....	....	1	1	....	....	....	1	....	....
4	2	4	2	4	6	3	8	5	6	6	2	1	....	....	2	....	....	....	....	....	....
1	1	3	1	1	4	2	....	1	1	1	....	2	....	....	....	....	....	....	....	....	....
10	9	16	13	17	7	13	7	12	10	9	5	3	1	2	....	....	....	....	....	....	....
1	3	1	1	....	4	....	....	....	1	....	2	....	....	1	....	....	....	....	....	....	....
2	5	5	2	3	7	6	3	8	6	....	2	....	....	....	....	....	....	....	....	....	....
4	3	5	3	1	3	4	1	6	3	5	2	....	3	1	....	2	....	....	....	....	....
7	8	9	11	10	8	17	5	10	7	2	5	3	1	1	....	....	....	....	....	....	....
18	14	12	11	15	14	12	18	13	9	10	3	6	3	3	....	2	1	....	....	....	....
2	1	1	....	2	....	1	1	1	1	1	....	....	1	....	....	....	....	....	....	....	....
59	49	69	48	45	45	28	32	27	14	10	8	7	4	....	3	....	....	....	....	....	1
2	5	7	1	3	4	3	6	2	1	1	2	....	....	....	....	....	....	....	....	....	....
20	27	21	19	21	13	17	14	5	6	3	....	2	2	1	....	....	....	....	....	....	....
1	3	2	2	....	....	2	1	1	....	1	3	....	1	....	....	....	....	....	....	....	....
25	46	29	19	43	35	30	31	25	16	23	5	6	3	1	1	....	2	....	....	....	1
7	5	4	6	2	3	2	2	2	2	3	4	1	1	....	....	....	....	....	....	....	....
2	1	....	3	2	1	....	....	1	1	....	3	1	....	....	....	....	....	....	....	....	....
....	1	2	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	3	2	3	....	2	2	1	1	1	3	1	....	1	....	....	....	....	....	....	....	....
90	89	87	70	58	53	48	42	26	33	23	17	16	9	4	5	1	....	1	....	....	2
....	....	2	2	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....
....	1	....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	45
3287	2838	2662	2379	2130	1854	1653	1375	1236	951	779	598	440	291	175	101	51	17	6	1	1	81

Table 15—Plural Births Classified to Show Number of Children Born Alive and Stillborn by Sex, for the Province of Ontario, 1941

Classification of Births		Total
Twin Births		769
Two males (both living)		246
One male and one female (both living)		233
Two females (both living)		214
One male living and one male stillborn		19
One male living and one female stillborn		16
One male stillborn and one female living		11
One female living and one female stillborn		17
Two males (both stillborn)		3
One male and one female (both stillborn)		4
Two females (both stillborn)		6
Triplet births		4
One male and two females (all living)		3
Three females (all living)		1
Total multiple births	No.	773
	M.	803
	F.	747
Total single live births	No.	70,801
	M.	36,491
	F.	34,310
Total single stillbirths	No.	1,995
	M.	1,083
	F.	912
Total confinements		73,569

MARRIAGES

Table 16—Marriages in the Province of Ontario by Months, 1941

	Total Marriages	Months											
		Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total for the province	43,270	1,915	2,448	2,175	2,908	3,593	5,699	3,643	4,712	4,832	4,279	3,763	3,303

Table 17—Marriages—Conjugal Condition of Contracting Parties, in the Province of Ontario, 1941

	Total Marriages	Marriages between									Per cent. of Bridegrooms who were			Per cent. of Brides who were		
		Bachelors and			Widowers and			Divorced men and								
		Spinsters	Widows	Divorced Women	Spinsters	Widows	Divorced Women	Spinsters	Widows	Divorced Women	Bachelors	Widowers	Divorced	Spinsters	Widows	Divorced
Total for the province	43,270	42,614	82	20	194	266	20	47	16	11	98.7	1.1	0.2	99.0	0.8	0.1

Table 18—Marriages—Ages of Bridegrooms and Brides, Ontario, 1941

Age of Bridegroom	Total grooms	AGE OF BRIDE																																													
		Under 16	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50—54	55—59	60—64	65—69	70—74	75 and over	Not stated
Under 18	75	5	13	12	26	8	3	4	....	2	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
18	347	12	34	57	107	63	35	21	8	7	1	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
19	1,002	17	68	137	281	222	122	96	23	12	9	3	5	4	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
20	1,980	15	66	163	419	422	399	228	119	58	31	23	18	6	2	3	4	2	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
21	3,286	23	90	216	620	617	598	496	233	157	90	57	31	27	13	9	2	1	2	1	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
22	3,262	21	73	164	389	528	548	555	378	227	142	108	54	33	17	13	4	1	3	....	3	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
23	3,647	15	51	120	388	472	536	571	449	399	241	155	99	53	39	24	11	11	1	2	3	2	....	2	2	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
24	3,700	9	37	94	322	374	464	539	477	408	356	196	179	98	58	36	18	13	4	5	6	1	2	....	2	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
25	3,558	6	26	72	199	264	404	488	454	371	316	335	243	132	105	51	28	23	15	5	11	4	2	1	1	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
26	3,063	10	21	45	173	217	274	345	338	331	335	311	251	153	104	60	31	29	9	8	6	4	1	....	....	1	....	....	....	....	1	1	....	....	....	....	1	....	....	....	....	....	....	2
27	2,665	7	19	52	124	162	236	254	231	293	262	251	232	194	126	84	46	30	25	7	12	6	3	2	1	2	2	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
28	2,727	8	20	28	117	143	166	256	247	267	259	267	212	227	168	116	82	53	30	21	12	16	4	3	2	1	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
29	2,103	5	9	27	84	97	128	145	172	200	179	188	185	192	134	107	89	56	39	17	19	9	3	5	3	3	4	1	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
30	1,674	2	9	11	36	58	80	109	109	138	137	151	140	127	136	123	94	65	45	26	18	21	18	10	5	....	2	1	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....
31	1,350	3	3	11	38	44	59	84	73	89	91	112	102	131	99	75	75	86	55	32	27	14	12	11	8	6	4	3	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	1
32	1,102	2	5	11	28	35	52	63	73	58	90	64	102	92	64	67	71	60	39	35	20	24	14	9	4	3	2	6	2	3	1	....	1	....	1	....	1	....	....	....	....	....	....	....
33	896	2	4	8	23	25	29	43	35	50	54	54	71	67	74	62	54	42	42	42	33	25	12	12	7	10	4	2	....	3	2	2	2	....	....	1	....	....	....	....	....	....	....	....
34	754	2	3	6	22	11	25	27	33	34	35	59	65	66	70	54	46	37	30	44	27	14	9	6	9	9	3	2	2	1	2	....	....	....	....	....	....	....	....	1	....	....	....	....
35	653	2	1	4	9	10	26	28	30	17	40	40	32	43	34	39	35	29	42	29	31	40	21	23	13	9	4	3	1	5	....	2	1	3	3	2	1	....	1	....	....	....	....	....
36	505	2	1	1	9	9	15	15	12	19	30	33	37	23	32	22	21	39	26	20	26	29	19	18	13	10	6	7	1	2	4	....	2	1	....	....	....	1	....	....	....	....	....	....
37	496	....	....	5	8	9	13	14	15	16	21	21	19	22	26	21	31	31	28	27	31	32	16	25	19	14	7	4	4	4	4	2	3	3	1	....	....	....	....	....	....	....	....	....
38	463	....	2	1	11	3	14	10	19	14	11	14	23	28	34	27	30	22	25	23	21	12	18	27	22	15	11	4	7	6	1	1	....	2	2	1	1	....	1	....	....	....	....	....
39	427	1	2	2	5	3	12	5	6	10	15	22	21	17	34	25	27	20	30	28	25	19	15	13	12	14	13	7	7	4	3	2	1	1	....	4	2	....	....	....	....	....	....	....
40	312	1	....	3	1	3	7	8	8	2	8	14	11	9	17	12	21	13	20	17	15	7	17	14	19	10	8	13	10	11	6	....	....	....	3	2	2	....	....	....	....	....	....	....
41	280	....	1	1	4	2	3	11	4	8	3	7	12	12	13	12	13	16	15	15	11	10	22	10	19	11	7	9	7	5	4	5	....	1	....	1	6	....	....	....	....	....	....	....
42	274	....	....	....	6	2	2	6	7	3	8	8	10	7	10	23	9	17	15	9	13	20	22	11	15	9	9	5	9	4	2	6	1	2	2	..	2	....	....	....	....	....	....	....
43	192	....	....	1	....	....	5	3	5	5	6	2	10	5	9	13	7	9	9	7	10	8	10	6	8	6	8	5	5	6	8	7	3	2	1	1	1	1	....	....	....	....	....	....
44	203	....	....	1	1	1	3	1	3	3	4	2	5	9	7	11	8	10	11	5	9	11	7	9	12	6	8	12	6	4	15	6	5	3	2	..	2	1	....	....	....	....	....	....
45	208	....	....	1	....	1	3	1	1	3	3	4	8	4	7	2	7	2	7	6	13	13	10	7	5	8	8	12	7	11	8	14	4	9	4	3	9	2	1	....	....	....	....	....
46	162	....	....	....	1	1	....	....	1	2	4	3	6	2	5	4	7	3	10	9	5	8	4	5	13	8	8	4	7	8	9	5	5	4	1	3	7	....	....	....	....	....	....	....
47	128	....	....	....	1	1	1	....	2	....	2	2	2	2	3	....	5	4	1	4	8	4	4	12	8	10	5	6	6	5	5	4	5	4	1	2	6	....	1	2	....	....	....	....
48	128	....	....	....	....	....	....	1	1	1	1	....	1	3	3	3	5	1	3	5	5	10	5	6	5	5	5	7	6	10	3	4	4	4	5	5	9	1	1	....	....	....	....	....
49	122	....	....	....	....	1	....	....	1	....	1	1	1	3	2	3	1	7	1	5	6	6	4	6	6	6	8	5	7	4	5	6	4	5	5	4	4	1	2	..	1	....	....	....
50-54	586	....	....	1	2	6	1	3	1	3	3	6	5	8	7	8	11	10	12	18	9	22	18	23	26	21	20	25	30	17	34	25	24	24	20	22	80	31	9	1	..	....	....	....
55-59	359	....	....	....	....	1	1	....	2	1	....	4	4	....	2	1	4	3	4	5	3	8	4	4	8	8	8	13	12	9	13	15	12	22	15	19	75	48	23	6	2	....	....	....
60-64	264	....	....	....	....	....	....	....	2	....	....	....	2	....	1	3	1	1	....	3	2	1	3	3	4	7	4	6	3	7	7	7	4	9	14	13	57	42	43	9	5	1	....	....
65-69	166	....	....	1	....	....	....	....	1	....	1	1	....	....	....	....	1	3	....	....	1	....	1	1	....	1	2	2	2	2	3	2	6	6	7	5	33	26	32	20	6	....	....	....
70-74	104	....	....	....	1	....	....	1	....	1	....	....	1	....	....	....	....	1	....	....	....	2	....	1	....	....	1	....	....	1	....	....	1	4	3	2	6	21	17	19	19	2	....	....
75-79	33	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	1	1	2	1	..	2	4	6	4	7	2	..	....
80 and over	13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	2	1	4	3	..	....
Not stated	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Total brides	43,270	170	558	1256	3455	3815	4264	4431	3573	3209	2790	2520	2199	1800	1456	1113	901	750	598	482	443	403	300	285	272	214	176	167	145	134	142	117	90	112	91	91	310	180	140	62	44	8	4	

Table 19—Marriages—Denominations of Contracting Parties, for the Province of Ontario, 1941

Denomination of Groom	Total Grooms	DENOMINATION OF BRIDE																												
		Adventists	Anglicans	Baptists	Brethren	Christians	Christian Science	Church of Christ	Disciples	Evangelicals	Friends	Greek Catholics	Greek Orthodox	Holiness Movement	Jews	Lutherans	Mennonites	Mormons	Pentecostal	Presbyterians	Protestants	Roman Catholics	Salvation Army	Unitarians	United Brethren	United Church	Oriental religions	No religion	Other sects	Not stated
Adventists	25	21	1																	1		1				1				
Anglicans	9,599	8	5203	435	10	2	25	14	6	13		13	33	1	6	122	7	14	13	844	5	765	22			2001		1	35	1
Baptists	2,527		439	1060	1	5	5	3	1	14	2	1	7	1	1	36	3	10	5	212	2	157	7			533			22	
Brethren	91		5	2	63	1				1							1		1	2		3				12				
Christians	62		12		1	33							1							3		2				9			1	
Christian Science	86		16	1			33						1			1			1	5	1	8				19				
Church of Christ	66		4	5			1	32								1				6		4				13				
Disciples	27		4	8					3										1	2						9				
Evangelicals	182		11	6					1	79						18	7		1	23	1	8				27				
Friends	16		4								6											1				4			1	
Greek Catholics	218		6	2								142	9		1	7				5		37				9				
Greek Orthodox	334		15	5		1				1		7	228			1			2	9		44				19			2	
Holiness Movement	20		1											12					2	1						3				1
Jews	868		21	2									1		804	1				8		15				16				
Lutherans	1174		129	30	2	1	3	1		22	1	4	9		1	595	4	5	2	66	2	130				164			2	1
Mennonites	199		4	8		1				4						8	150			3	1	5				13			2	
Mormons	89		10	2			1									1		25	1	13		6	1			28			1	
Pentecostal	188		6	7									1			3	1		144	4		7				9			6	
Presbyterians	4,712	1	920	199	6	7	13	9	4	12		8	9	2	3	77	2	9	10	1964	2	379	18			1038			20	
Protestants	329		14	7												1		1		7	249	36				14				
Roman Catholics	9,233	3	570	116	3		2			14		43	44		6	79	3	5	8	246	23	7548	5			502			13	
Salvation Army	180		26	5				1								2			3	6		13	97			26			1	
Unitarians																														
United Brethren	1																			1										
United Church	12,637	6	1688	476	8	11	24	23	4	23	5	3	10	8	11	125	7	20	25	839	2	634	20			8631			33	1
Oriental religions—(Buddhists, Confucians, Mohammedans, Shintos, Sikhs, Hindus)	2																										2			
No religion	1																									1				
Other sects	344		38	18	1			1		1			1	1		7	1		2	17		19				46			191	
Not stated	60		11													3				6		6				15			1	18
Total Brides	43,270	39	9158	2394	95	62	107	84	19	184	14	221	354	25	833	1088	186	89	221	4293	288	9828	170			13162	2	1	331	22

Table 20—Birthplace of Bridegroom and Brides, 1941

Birthplace of Bridegroom	Total	BIRTHPLACE OF BRIDE																																					
		Canada										British Isles					British Possessions		Europe															Asia					
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other	Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia*	Sweden	Other	China	Japan	Other	United States	Various	Not specified
Canada	40,387	21	94	77	441	36842	356	473	120	83	1	724	104	300	33	3	28	15	12	11	6	31	4	10	11	24	21	3	87	21	36	1	28	5	...	...	339	3	19
Prince Edward Island	26	3	...	1	...	18	...	1	...	...	..	1	...	...	..	..	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nova Scotia	136	1	15	3	2	88	1	6	...	1	..	4	1	2	1	..	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	1
New Brunswick	110	.	1	20	7	66	1	2	2	1	..	2	...	4	..	..	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...
Quebec	490	2	3	6	91	337	5	10	1	...	..	12	3	6	..	..	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	1	1	...	...	...	11	...	...
Ontario	38,584	14	66	45	328	35757	235	294	85	51	..	676	96	277	28	2	25	12	11	8	4	31	4	9	10	21	20	3	79	14	34	..	26	4	...	...	294	3	18
Manitoba	382	..	3	..	2	203	83	34	6	6	..	10	2	6	3	..	...	...	...	1	1	...	...	1	1	1	...	...	3	5	...	1	1	...	...	...	9	...	...
Saskatchewan	416	.	4	2	4	227	20	112	5	4	..	12	1	2	1	1	1	...	1	...	1	...	...	...	...	2	...	...	4	2	2	...	...	1	...	...	7	...	...
Alberta	143	.	2	..	5	88	8	6	19	4	..	4	...	1	..	..	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	5	...	...
British Columbia	90	1	...	..	2	51	3	7	2	16	..	3	1	1	..	..	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
Province not specified	10	.	...	..	...	7	...	1	...	..	1	...	...	1	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
British Isles	1,636	3	10	8	26	1020	32	25	11	7	1	274	40	103	9	1	6	2	3	1	1	5	...	1	...	1	...	...	8	...	4	1	2	1	...	...	30	...	...
England	1,005	1	10	4	16	611	20	21	4	5	1	205	18	39	6	1	3	...	3	1	1	2	...	...	...	...	...	...	6	...	3	1	2	...	...	...	21	...	...
Ireland	167	..	...	2	2	101	4	1	3	..	..	24	15	11	1	..	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	2	...	...
Scotland	418	2	...	2	8	269	8	3	3	1	..	42	6	53	1	..	3	2	...	...	...	3	...	1	...	1	...	...	1	...	1	...	...	1	...	...	7	...	...
Wales	43	.	...	..	...	37	...	...	1	1	..	2	1	...	1	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other	3	.	...	..	...	2	...	...	...	...	..	1	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
British Possessions	56	..	3	..	2	35	...	1	1	1	1	4	...	...	..	..	4	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
Newfoundland	29	.	...	..	2	19	...	...	1	...	..	2	...	...	..	..	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
Other	27	.	3	..	...	16	...	1	...	1	1	2	...	...	..	..	1	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Europe	676	..	5	2	19	263	29	23	5	...	..	19	3	10	..	..	...	...	13	7	1	22	1	3	3	37	10	3	89	15	38	3	42	...	...	1	8	1	1
Austria	11	.	...	..	...	5	...	...	...	...	..	...	...	...	..	..	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Belgium	17	.	...	..	...	9	1	...	...	...	..	...	...	...	..	..	...	...	...	5	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...
Denmark	22	.	...	..	1	15	1	...	...	...	..	1	...	2	..	..	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Finland	42	.	...	..	1	14	1	3	...	...	..	...	...	...	..	..	...	...	...	...	...	20	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	1
France	6	.	...	..	1	3	...	1	...	...	..	1	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Germany	30	.	...	..	...	21	1	1	1	...	..	1	1	...	..	..	...	...	...	...	...	...	...	3	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
Holland	18	.	...	..	...	5	1	...	2	...	..	1	1	1	..	..	...	...	...	2	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	1	1	...
Hungary	45	.	...	..	...	8	...	...	...	...	..	1	...	...	..	..	...	...	...	...	...	...	...	...	...	30	...	...	2	2	1	...	1	...	...	...	...	...	...
Italy	48	.	1	..	...	33	2	...	...	...	..	1	...	1	..	..	...	...	...	...	...	...	...	...	...	...	9	...	...	...	...	...	1	...	...	...	...	...	...
Norway	38	.	1	1	1	24	1	1	...	...	..	3	...	...	..	..	...	...	...	...	...	...	1	...	...	...	...	3	1	...	...	...	...	...	...	...	1	...	...
Poland	159	.	3	..	5	53	15	5	...	...	..	2	...	3	..	..	...	...	1	...	...	1	...	...	...	...	...	...	59	...	6	...	3	...	...	1	2	...	...

Roumania	41	...	...	...	...	14	...	3	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	11	2	...	2	...	...	...	...	...	...
Russia*	81	...	...	...	2	18	4	7	1	...	...	3	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	11	2	25	...	1	...	...	...	2	...	...
Sweden	15	...	...	1	2	4	1	1	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	2	1	...	...	...	...	...	...
Other	103	...	...	...	6	37	1	1	...	...	...	3	1	2	...	...	...	...	1	...	...	1	...	...	...	6	...	...	7	...	4	...	32	...	...	...	1	...	...
Asia	16	...	...	...	...	9	...	1	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	...	...	...
China	8	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...
Japan	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other	7	...	...	...	...	4	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...
United States	496	1	4	2	13	340	10	7	3	4	...	14	4	15	...	...	1	3	...	...	1	...	...	1	...	...	3	...	2	1	3	...	2	...	...	...	60	2	...
Various	3	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
Not specified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total brides	43,270	25	116	89	501	38511	427	530	1·0	95	3	1035	152	428	42	4	39	21	29	19	9	58	5	16	14	62	34	6	187	37	81	5	74	8	...	3	439	6	20

*Including the Ukraine.

Table 21—Deaths of Children under One Year (exclusive of Stillbirths) in Ontario, by Months, Classified as Rural and Urban, 1941

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Ontario	3,294	327	278	292	256	259	254	238	262	290	296	248	294
Rural	846	100	94	78	64	75	66	46	58	55	57	68	85
Urban	2,448	227	184	214	192	184	188	192	204	235	239	180	209
Addington	9	1			2	3				2	1		
Rural	9	1			2	3				2	1		
Algoma	62	4	4	5	5	1	3	1	4	12	7	9	7
Rural	12	1	1	2	1		1	1	1	1		1	2
Urban	50	3	3	3	4	1	2		3	11	7	8	5
Sault Ste. Marie, c.	37	1	1	3	4	1	1		3	7	5	6	5
Blind River, t.	12	1	2				1			4	2	2	
Thessalon, t.	1	1											
Brant	55	3	3	8	5	3	1	9	3	7	8	3	2
Rural	12	2			1	1		1		2	2	2	1
Urban	43	1	3	8	4	2	1	8	3	5	6	1	1
Brantford, c.	38	1	3	7	3	1		8	3	5	6		1
Paris, t.	5			1	1	1	1					1	
Bruce	35	2	1	6	3	3	6	2	1	4	1	5	1
Rural	27	2	1	6	2	2	4	1	1	3	1	4	
Urban	8				1	1	2	1		1		1	1
Chesley, t.													
Kincardine, t.													
Southampton, t.	1											1	
Walkerton, t.	6				1	1	2			1			1
Wiarton, t.	1							1					
Port Elgin, vl.													
Carleton	231	19	21	18	18	16	18	17	19	21	19	19	26
Rural	9	1	2					1			1	2	2
Urban	222	18	19	18	18	16	18	16	19	21	18	17	24
Ottawa, c.	219	18	19	18	18	16	18	15	19	20	18	17	23
Eastview, t.	3							1		1			1
Rockcliffe Park, vl.													
Cochrane	135	18	16	13	9	12	6	13	9	19	5	6	9
Rural	73	8	12	11	5	9	3	5	6	4	1	4	5
Urban	62	10	4	2	4	3	3	8	3	15	4	2	4
Cochrane, t.	7				2			1		2		1	1
Iroquois Falls, t.	5	1						1	1	1			1
Kapuskasing, t.	6	2				1	1			2			
Timmins, t.	44	7	4	2	2	2	2	6	2	10	4	1	2
Dufferin	8	3		1		1	1			2			
Rural													
Urban	8	3		1		1	1			2			
Orangeville, t.	6	3		1			1			1			
Shelburne, vl.	2					1				1			
Dundas	16	4	1	1				3	4		1		2
Rural	11	3	1					2	2		1		2
Urban	5	1		1				1	2				
Chesterville, vl.	2			1				1					
Morrisburg, vl.													
Winchester, vl.	3	1							2				
Durham	15	2	2	1	2	2		2		1	2		1
Rural	5	1			2	2							
Urban	10	1	2	1				2		1	2		1
Bowmanville, t.	3							2					1
Port Hope, t.	7	1	2	1						1	2		
Elgin	35	4	2	2	4	2	4	2	2	1	5	5	2
Rural	2	1						1					
Urban	33	3	2	2	4	2	4	1	2	1	5	5	2
St. Thomas, c.	31	3	2	2	4	2	4	1	2	1	3	5	2
Aylmer, t.	2										2		
Port Stanley, vl.													
Essex	117	14	11	12	10	10	9	7	8	8	14	7	7
Rural	15	3	4	1	3	1	1				2		
Urban	102	11	7	11	7	9	8	7	8	8	12	7	7
Windsor, c.	87	8	6	11	6	8	7	7	8	5	10	6	5
Amherstburg, t.	3									1	1		1
Essex, t.													
Harrow, vl.													
Kingsville, t.													
Leamington, t.	8	3	1		1		1			1	1		
Riverside, t.	3					1						1	1
Tecumseh, t.	1									1			
Frontenac	70	14	3	7	6	1	3	5	6	9	6	2	8
Rural	9	2		2					1		1		3
Urban	61	12	3	5	6	1	3	5	5	9	5	2	5
Kingston, c.	61	12	3	5	6	1	3	5	5	9	5	2	5
Portsmouth, vl.													
Glengarry	22	2	5	2	3		1	1	2	2	1		3
Rural	18	1	5	2	3			1	2	1	1		2
Urban	4	1					1			1			1
Alexandria, t.	4	1					1			1			1

Table 21—Deaths of Children under One Year (exclusive of Stillbirths) in Ontario, by Months, Classified as Rural and Urban, 1941—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Grenville	12	2	1	1	3		1		1		1	1	1
Rural	8	2	1		1				1		1	1	1
Urban	4			1	2		1						
Prescott, t.	1			1									
Cardinal, vl.	2				1		1						
Kemptville, vl.	1				1								
Grey	46	4	2	3	6	9	4	4	4	2	2	2	4
Rural	12					2	2	3	1	1			3
Urban	34	4	2	3	6	7	2	1	3	1	2	2	1
Owen Sound, c.	22	4	1	2	3	4	1	1	2	1	2	1	
Durham, t.	4		1			2						1	
Hanover, t.	8			1	3	1	1		1				1
Meaford, t.													
Haldimand	13	1	1	1		2	2			3	2	1	
Rural	4		1			1	2						
Urban	9	1		1		1				3	2	1	
Dunnville, t.	6			1		1				2	1	1	
Caledonia, vl.	1									1			
Hagersville, vl.	2	1									1		
Haliburton	9	1	1		1	1	1		1		3		
Rural	9	1	1		1	1	1		1		3		
Halton	9	2	1							1	2	2	1
Rural	5	2								1	1	1	
Urban	4		1								1	1	1
Burlington, t.	2		1								1		
Georgetown, t.													
Milton, t.													
Oakville, t.													
Acton, vl.	2											1	1
Hastings	89	9	9	5	5	6	7	6	8	9	11	10	4
Rural	30	3	5	1	1	2	4	2	2	3	3	3	1
Urban	59	6	4	4	4	4	3	4	6	6	8	7	3
Belleville, c.	45	5	2	3	4	3	2	3	5	4	8	5	1
Deseronto, t.	1		1										
Trenton, t.	7	1				1			1	2		1	1
Bancroft, vl.	3			1								1	1
Frankford, vl.													
Madoc, vl.	2		1					1					
Marmora, vl.													
Tweed, vl.	1						1						
Huron	26	1	3	3	1	1	2	2	6	1	1		5
Rural	13		3				1	1	3	1	1		3
Urban	13	1		3	1	1	1	1	3				2
Clinton, t.	3							1	1				1
Goderich, t.	5	1		1			1		2				
Seaforth, t.	3			1	1								1
Wingham, t.													
Exeter, vl.	2			1		1							
Kenora including Patricia	26	2	1	1	2	5	4	3	2			4	2
Rural	9	1	1		1	3	1					2	
Urban	17	1		1	1	2	3	3	2			2	2
Dryden, t.	6					1	1	1	1			1	1
Keewatin, t.													
Kenora, t.	10	1		1	1	1	2	2				1	1
Sioux Lookout, t.	1								1				
Kent	67		3	7	8	10	6	4	5	9	3	4	8
Rural	15			2	5	2		1		1	1		3
Urban	52		3	5	3	8	6	3	5	8	2	4	5
Chatham, c.	48		3	5	2	6	6	3	4	8	2	4	5
Blenheim, t.													
Dresden, t.	1								1				
Ridgetown, t.													
Tilbury, t.	2					2							
Wallaceburg, t.	1				1								
Lambton	41	4	1	3	3	6	4	4	2	6	4	2	2
Rural	10	2		1		2			2	1		1	1
Urban	31	2	1	2	3	4	4	4		5	4	1	1
Sarnia, c.	26		1	1	2	4	4	3		5	4	1	1
Forest, t.													
Petrolia, t.	5	2		1	1			1					
Point Edward, vl.													
Watford, vl.													
Lanark	22	1	2	4	2	3		1	3		1	4	1
Rural	5			1				1			1	2	
Urban	17	1	2	3	2	3			3			2	1
Almonte, t.	2			1					1				
Carleton Place, t.	3		1			1						1	
Perth, t.	9	1		1	2	1			2			1	1
Smiths Falls, t.	3		1	1		1							
Leeds	38	6	6	5	2	1	3	1	2	4	2	3	3
Rural	15	1	2	5	1					3		2	1
Urban	23	5	4		1	1	3	1	2	1	2	1	2
Brockville, t.	22	5	4		1	1	3	1	1	1	2	1	2
Gananoque, t.	1								1				

Table 21—Deaths of Children under One Year (exclusive of Stillbirths) in Ontario, by Months, Classified as Rural and Urban, 1941—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Lennox	10	1				1	2		2		2		2
Rural	7					1	2		2				2
Urban	3	1									2		
Napanee, t.	3	1									2		
Lincoln	43	4	4	5	1	1	7	4	4	3	2	2	6
Rural	10	1	1				1	1	2		1	1	2
Urban	33	3	3	5	1	1	6	3	2	3	1	1	4
St. Catharines, c.	27	2	2	5	1	1	3	3	2	3		1	4
Grimsby, t.	3						3						
Merritton, t.	1	1											
Niagara, t.													
Beamsville, vl.	1										1		
Port Dalhousie, vl.	1		1										
Manitoulin	17	1	1	3	2		2	2	2	1	1	1	1
Rural	14	1	1	3	2		2	1	2		1		1
Urban	3							1		1		1	
Little Current, t.	3							1		1		1	
Middlesex	82	9	7	7	2	6	9	4	9	6	11	5	7
Rural	9		1			3		1	1	1	1		1
Urban	73	9	6	7	2	3	9	3	8	5	10	5	6
London, c.	71	9	6	6	2	3	9	3	8	5	9	5	6
Strathroy, t.	2			1							1		
Muskoka	25	5	2	3	1		3	1	2	2	2	2	2
Rural	6	1	2	1			1						1
Urban	19	4		2	1		2	1	2	2	2	2	1
Bracebridge, t.	10	3		1	1		1	1	1		1		1
Gravenhurst, t.	3	1					1					1	
Huntsville, t.	6			1					1	2	1	1	
Nipissing	87	9	6	7	5	5	11	7	12	9	4	3	9
Rural	32	5	4	1		4	3	2	3	1	3	1	5
Urban	55	4	2	6	5	1	8	5	9	8	1	2	4
North Bay, c.	28	2		3	2	1	7	3	6	2	1		1
Cache Bay, t.	5	1		1						2			1
Mattawa, t.	8	1			3			1	1	1			1
Sturgeon Falls, t.	14		2	2			1	1	2	3		2	1
Norfolk	33	4	2		5	3	1	4	1	2	7	3	1
Rural	9	2			2	1		1	1	1	1		
Urban	24	2	2		3	2	1	3		1	6	3	1
Simcoe, t.	18	2	1		2		1	2		1	6	2	1
Delhi, vl.	4				1	2						1	
Port Dover, vl.	2		1					1					
Waterford, vl.													
Northumberland	22	2	4	3	1	1	5	1			1	2	2
Rural	9		3	1	1	1	2					1	
Urban	13	2	1	2			3	1			1	1	2
Campbellford, t.	4			1			1	1					1
Cobourg, t.	7	2		1			2					1	1
Brighton, vl.	2		1								1		
Ontario	39	4	3	4	1	3	3	6	2	1	5	4	3
Rural	12	2		1		2		1	1	1	2	1	1
Urban	27	2	3	3	1	1	3	5	1		3	3	2
Oshawa, c.	25	2	3	3	1	1	3	3	1		3	3	2
Uxbridge, t.													
Whitby, t.	1							1					
Port Perry, vl.	1							1					
Oxford	49	3	2	11	3	3	2	1	2	5	7	4	6
Rural	11	1	1	2		1					1	2	3
Urban	38	2	1	9	3	2	2	1	2	5	6	2	3
Woodstock, c.	17	1	1	2		1	2		1	3	2	1	3
Ingersoll, t.	2							1			1		
Tillsonburg, t.	16			6	3	1				2	3	1	
Norwich, vl.	3	1		1					1				
Tavistock, vl.													
Parry Sound	47	3	1	4	4	1	2	4	4	7	7	5	5
Rural	22	2		1	3		2	3	1	2	3	3	2
Urban	25	1	1	3	1	1		1	3	5	4	2	3
Parry Sound, t.	25	1	1	3	1	1		1	3	5	4	2	3
Peel	8		2		1				1	2			2
Rural	2									1			1
Urban	6		2		1				1	1			1
Brampton, t.	6		2		1				1	1			1
Port Credit, vl.													
Perth	37	3		5	5	4	3	2	5	3	2	2	3
Rural	6			1	1		1		2				1
Urban	31	3		4	4	4	2	2	3	3	2	2	2
Stratford, c.	14	2		1	2	2		1	1	3	1	1	
Listowel, t.	8			3	2				1				2
Mitchell, t.	1											1	
St. Mary's, t.	5	1				1	1	1			1		
Milverton, vl.	3					1	1		1				
Peterborough	40	4	8	4	4	1	1	3	1	2	6	5	1
Rural	7		1	2			1	1				1	1
Urban	33	4	7	2	4	1		2	1	2	6	4	
Peterborough, c.	29	3	5	2	3	1		2	1	2	6	4	
Havelock, vl.	2	1	1										
Lakefield, vl.	2		1		1								

Table 21—Deaths of Children under One Year (exclusive of Stillbirths) in Ontario, by Months, Classified as Rural and Urban, 1941—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Prescott	64	12	4	4	3	4	5	3	5	6	6	7	5
Rural	28	7	2	2	3	2	2	.....	1	1	4	4	.....
Urban	36	5	2	2	.....	2	3	3	4	5	2	3	5
Hawkesbury, t.	30	3	1	1	.....	2	3	3	4	4	2	3	4
Vankleek Hill, t.	5	1	1	1	.....	.....	.....	.....	.....	1	.....	.....	1
L'Orignal, vl.	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Prince Edward	19	1	2	1	1	3	1	.....	.....	1	.....	5	4
Rural	5	1	.....	.....	.....	1	.....	.....	.....	.....	.....	2	1
Urban	14	.....	2	1	1	2	1	.....	.....	1	.....	3	3
Picton, t.	14	.....	2	1	1	2	1	.....	.....	1	.....	3	3
Wellington, vl.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rainy River	23	5	3	2	.....	3	2	1	3	2	1	.....	1
Rural	11	4	1	.....	.....	1	2	.....	1	2	.....	.....	.....
Urban	12	1	2	2	.....	2	.....	1	2	.....	1	.....	1
Fort Francis, t.	6	.....	.....	1	.....	2	.....	.....	1	.....	1	.....	1
Rainy River, t.	6	1	2	1	.....	.....	.....	1	1	.....	.....	.....	.....
Renfrew	68	11	6	4	3	9	8	1	7	5	4	2	8
Rural	22	5	3	1	.....	2	4	1	2	1	.....	1	2
Urban	46	6	3	3	3	7	4	.....	5	4	4	1	6
Arnprior, t.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pembroke, t.	34	5	1	3	2	5	2	.....	3	3	4	1	5
Renfrew, t.	10	1	2	.....	1	1	2	.....	2	.....	.....	.....	1
Barry's Bay, vl.	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Eganville, vl.	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Russell	27	5	2	2	5	1	2	1	.....	1	2	3	3
Rural	25	5	2	2	4	1	2	1	.....	.....	2	3	3
Urban	2	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....
Rockland, t.	2	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....
Casselman, vl.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Simcoe	92	10	7	7	8	3	2	8	4	9	18	9	7
Rural	12	3	2	.....	.....	.....	.....	1	1	1	1	2	1
Urban	80	7	5	7	8	3	2	7	3	8	17	7	6
Alliston, t.	5	.....	1	.....	.....	.....	1	.....	.....	.....	1	2	.....
Barrie, t.	20	3	1	1	1	.....	.....	4	.....	1	6	1	2
Collingwood, t.	7	.....	.....	2	2	.....	.....	.....	.....	1	2	.....	.....
Midland, t.	22	2	2	2	1	2	.....	2	2	3	3	2	1
Orillia, t.	21	1	.....	2	2	1	1	1	1	3	4	2	3
Penetanguishene, t.	3	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Stayner, t.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bradford, vl.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Victoria Harbour, vl.	2	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
Stormont	67	4	3	2	4	11	6	8	7	7	5	6	4
Rural	15	2	.....	.....	3	1	1	3	1	1	.....	2	1
Urban	52	2	3	2	1	10	5	5	6	6	5	4	3
Cornwall, t.	52	2	3	2	1	10	5	5	6	6	5	4	3
Sudbury	140	16	13	11	11	6	9	8	12	12	9	12	21
Rural	56	7	6	6	4	2	2	2	3	5	3	6	10
Urban	84	9	7	5	7	4	7	6	9	7	6	6	11
Sudbury, c.	80	8	6	5	7	4	6	6	8	7	6	6	11
Capreol, t.	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Coniston, t.	2	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....
Coppercliff, t.	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Thunder Bay	102	3	6	11	13	20	2	6	7	7	13	9	5
Rural	11	.....	.....	2	1	2	2	1	1	.....	.....	2	.....
Urban	91	3	6	9	12	18	.....	5	6	7	13	7	5
Fort William, c.	36	2	3	3	9	11	.....	1	.....	2	1	2	2
Port Arthur, c.	48	1	2	6	3	6	.....	4	6	4	8	5	3
Geraldton, t.	7	.....	1	.....	.....	1	.....	.....	.....	1	4	.....	.....
Timiskaming	78	7	13	9	5	4	7	4	4	7	6	5	7
Rural	64	6	12	9	4	2	6	1	4	5	5	4	6
Urban	14	1	1	.....	1	2	1	3	.....	2	1	1	1
Cobalt, t.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Englehart, t.	3	.....	1	.....	1	.....	.....	1	.....	.....	.....	.....	.....
Haileybury, t.	6	.....	.....	.....	.....	1	1	2	.....	2	.....	.....	.....
Larder Lake, t.	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
New Liskeard, t.	4	1	.....	.....	.....	1	.....	.....	.....	.....	1	1	.....
Victoria	22	1	5	1	1	2	4	.....	.....	2	3	1	2
Rural	9	.....	2	.....	.....	2	2	.....	.....	1	1	.....	1
Urban	13	1	3	1	1	.....	2	.....	.....	1	2	1	1
Lindsay, t.	13	1	3	1	1	.....	2	.....	.....	1	2	1	1
Bobcaygeon, vl.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fenelon Falls, vl.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waterloo	62	9	5	3	3	6	4	8	6	6	3	3	6
Rural	9	2	.....	.....	.....	3	.....	1	1	2	.....	.....	.....
Urban	53	7	5	3	3	3	4	7	5	4	3	3	6
Galt, c.	13	1	2	1	.....	1	.....	4	1	1	1	.....	1
Kitchener, c.	35	5	3	2	3	2	4	2	4	2	2	2	4
Elmira, t.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hespeler, t.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Preston, t.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waterloo, t.	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....
New Hamburg, vl.	3	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1

Table 21—Deaths of Children under One Year (exclusive of Stillbirths) in Ontario, by Months, Classified as Rural and Urban, 1941—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Welland	83	2	5	11	8	2	4	5	10	14	7	5	10
Rural	12		2	1	2	2		2				1	2
Urban	71	2	3	10	6		4	3	10	14	7	4	8
Niagara Falls, c.	25	1	1	6	1				4	8	2	1	1
Welland, c.	29	1	2	3	4		2	2	4	3	2	2	4
Fort Erie, t.	8			1	1		2	1		1			2
Port Colborne, t.	5								1	2	2		
Thorold, t.	1											1	
Chippawa, vl.													
Fonthill, vl.													
Humberstone, vl.	3								1		1		1
Wellington	56	4	7	6	4	9	4	1	7	4	1	5	4
Rural	27	2	2	3	2	5	3		2	2		4	2
Urban	29	2	5	3	2	4	1	1	5	2	1	1	2
Guelph, c.	14	1	4	2	2	2		1			1		1
Harriston, t.	1								1				
Mount Forest, t.	2	1								1			
Palmerston, t.	4			1					1			1	1
Elora, vl.	2		1						1				
Fergus, vl.	6					2	1		2	1			
Wentworth	132	10	11	11	6	11	15	10	12	7	15	6	18
Rural	8		3	1				1	1	1	1		
Urban	124	10	8	10	6	11	15	9	11	6	14	6	18
Hamilton, c.	122	8	8	10	6	11	15	9	11	6	14	6	18
Dundas, t.	2	2											
Burlington Beach, vl.													
Stoney Creek, vl.													
York	512	52	44	42	46	38	42	48	39	34	44	43	40
Rural	39	3	3	4	3	5	5		2	2	5	2	5
Urban	473	49	41	38	43	33	37	48	37	32	39	41	35
Toronto, c.	453	47	40	36	41	31	36	48	34	31	38	37	34
Aurora, t.													
Leaside, t.													
Mimico, t.	4				1	1	1					1	
Newmarket, t.	8		1	1	1	1			1	1	1	1	
New Toronto, t.	1			1									
Weston, t.	1												1
Forest Hill, vl.													
Long Branch, t.	1								1				
Markham, vl.	2								1			1	
Richmond Hill, vl.													
Stouffville, vl.													
Sutton, vl.	1	1											
Swansea, vl.	2	1										1	
Woodbridge, vl.													
District of Patricia	4	1			1	2							

Table 22—Total Deaths (exclusive of Stillbirths) and Deaths in Institutions of Children Under One Year of Age, Showing the Number Non-Resident in the Province of Ontario, 1941

	All Deaths under One Year						In Institutions					
	Total			Non-resident in Province			Total			Non-resident in Province		
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
Total for the Province....	3,294	1,910	1,384	37	23	14	1,986	1,162	824	34	20	14

Table 23—Total Deaths (exclusive of Stillbirths) and Deaths in Institutions of Cities, Towns and Villages of Ontario

Cities, Towns and Villages	All Deaths Under One Year												Deaths		
	Total			Residents			Non-resident in City, Town or Village where Death Occurred and						Total		
							Resident in Province			Non-resident in Province					
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
Cities:															
Belleville	45	26	19	20	13	7	22	12	10	3	1	2	44	25	19
Brantford	38	21	17	34	19	15	4	2	2	....	....	....	35	18	17
Chatham	48	31	17	17	11	6	31	20	11	....	....	....	40	26	14
Fort William	36	21	15	26	17	9	9	3	6	1	1	....	33	19	14
Galt	13	7	6	10	5	5	3	2	1	....	....	....	8	5	3
Guelph	14	10	4	12	9	3	2	1	1	....	....	....	11	7	4
Hamilton	122	74	48	95	57	38	27	17	10	....	....	....	102	62	40
Kingston	61	27	34	38	15	23	23	12	11	....	....	....	52	22	30
Kitchener	35	19	16	21	12	9	14	7	7	....	....	....	26	13	13
London	71	48	23	44	30	14	27	18	9	....	....	....	63	43	20
Niagara Falls	25	12	13	20	8	12	5	4	1	....	....	....	23	11	12
North Bay	28	15	13	20	11	9	7	3	4	1	1	....	20	12	8
Oshawa	25	11	14	19	8	11	6	3	3	....	....	....	19	8	11
Ottawa	219	124	95	165	93	72	35	20	15	19	11	8	189	107	82
Owen Sound	22	14	8	17	13	4	5	1	4	....	....	....	15	9	6
Peterborough	29	20	9	19	13	6	10	7	3	....	....	....	28	19	9
Port Arthur	48	28	20	27	14	13	21	14	7	....	....	....	46	27	19
St. Catharines	27	19	8	16	12	4	11	7	4	....	....	....	19	13	6
St. Thomas	31	17	14	19	12	7	12	5	7	....	....	....	28	14	14
Sarnia	26	19	7	14	9	5	12	10	2	....	....	....	25	19	6
Sault Ste. Marie	37	26	11	27	20	7	10	6	4	....	....	....	31	22	9
Stratford	14	10	4	10	8	2	4	2	2	....	....	....	9	6	3
Sudbury	80	53	27	59	38	21	21	15	6	....	....	....	63	42	21
Toronto	453	252	201	329	181	148	124	71	53	....	....	....	393	222	171
Welland	29	17	12	14	9	5	15	8	7	....	....	....	25	14	11
Windsor	87	50	37	66	35	31	18	12	6	3	3	....	75	48	27
Woodstock	17	11	6	14	8	6	3	3	....	....	....	....	11	7	4
Towns:															
Barrie	20	14	6	13	9	4	6	4	2	1	1	....	14	9	5
Brampton	6	....	6	2	....	2	4	....	4	....	....	....	6	....	6
Brockville	22	13	9	15	8	7	7	5	2	....	....	....	16	10	6
Cobourg	7	3	4	5	3	2	2	....	2	....	....	....	5	2	3
Collingwood	7	4	3	4	2	2	3	2	1	....	....	....	7	4	3
Cornwall	52	33	19	39	24	15	8	7	1	5	2	3	38	24	14
Dundas	2	1	1	2	1	1	....	....	....	....	....	....	....	....	....
Eastview	3	1	2	3	1	2	....	....	....	....	....	....	....	....	....
Fort Erie	8	7	1	4	4	....	4	3	1	....	....	....	8	7	1
Fort Frances	6	3	3	4	1	3	2	2	....	....	....	....	1	1	....
Hawkesbury	30	20	10	26	19	7	2	....	2	2	1	1	15	8	7
Ingersoll	2	1	1	1	....	1	1	1	....	....	....	....	2	1	1
Kenora	10	4	6	6	3	3	4	1	3	....	....	....	9	4	5
Leamington	8	4	4	4	3	1	4	1	3	....	....	....	7	3	4
Leaside	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Lindsay	13	6	7	6	2	4	7	4	3	....	....	....	11	5	6
Midland	22	17	5	10	7	3	12	10	2	....	....	....	18	13	5
Mimico	4	4	....	1	1	....	3	3	....	....	....	....	2	2	....
New Toronto	1	....	1	1	....	1	....	....	....	....	....	....	....	....	....
Orillia	21	12	9	13	7	6	8	5	3	....	....	....	16	9	7
Parry Sound	25	11	14	8	2	6	17	9	8	....	....	....	22	11	11
Pembroke	34	12	22	22	10	12	11	1	10	1	1	....	30	12	18
Port Colborne	5	2	3	5	2	3	....	....	....	....	....	....	....	....	....
Port Hope	7	4	3	7	4	3	....	....	....	....	....	....	6	4	2
Preston	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Renfrew	10	7	3	6	4	2	3	2	1	1	1	....	4	4	....
Simcoe	18	7	11	6	1	5	12	6	6	....	....	....	17	6	11
Smiths Falls	3	1	2	2	....	2	1	1	....	....	....	....	3	1	2
Thorold	1	1	....	....	....	....	1	1	....	....	....	....	1	1	....
Timmins	44	21	23	38	18	20	6	3	3	....	....	....	24	15	9
Trenton	7	2	5	7	2	5	....	....	....	....	....	....	....	....	....
Waterloo	2	1	1	2	1	1	....	....	....	....	....	....	....	....	....
Weston	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....
Whitby	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....
Villages:															
Forest Hill	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Long Branch	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....
Swansea	2	1	1	2	1	1	....	....	....	....	....	....	....	....	....

Children under One Year of Age, Classified according to Residence of Decedents in of 5,000 Population and Over, 1941

In Institutions									Deaths Elsewhere than in Institutions											
Residents			Non-resident in City, Town or Village Where Death Occurred and						Total			Residents			Non-resident in City, Town or Village Where Death Occurred and					
			Resident in Province			Non-resident in Province									Resident in Province			Non-resident in Province		
Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
19	12	7	22	12	10	3	1	2	1	1	....	1	1	....	....	....	....	....	....	....
31	16	15	4	2	2	....	....	....	3	3	....	3	3	....	....	....	....	....	....	....
10	7	3	30	19	11	....	....	....	8	5	3	7	4	3	1	1	....	....	....	....
23	15	8	9	3	6	1	1	....	3	2	1	3	2	1	....	....	....	....	....	....
5	3	2	3	2	1	....	....	....	5	2	3	5	2	3	....	....	....	....	....	....
9	6	3	2	1	1	....	....	....	3	3	..	3	3	....	....	....	....	....	....	....
75	45	30	27	17	10	....	....	....	20	12	8	20	12	8	....	....	....	....	....	....
31	11	20	21	11	10	....	....	....	9	5	4	7	4	3	2	1	1	....	....	....
12	6	6	14	7	7	....	....	....	9	6	3	9	6	3	....	....	....	....	....	....
37	26	11	26	17	9	....	....	....	8	5	3	7	4	3	1	1	....	....	....	....
18	7	11	5	4	1	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....
13	9	4	7	3	4	....	....	....	8	3	5	7	2	5	....	....	....	1	1	....
13	5	8	6	3	3	....	....	....	6	3	3	6	3	3	....	....	....	....	....	....
136	76	60	34	20	14	19	11	8	30	17	13	29	17	12	1	....	1	....	....	....
10	8	2	5	1	4	....	....	....	7	5	2	7	5	2	....	....	....	....	....	....
18	12	6	10	7	3	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....
25	13	12	21	14	7	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....
9	7	2	10	6	4	....	....	....	8	6	2	7	5	2	1	1	....	....	....	....
16	9	7	12	5	7	....	....	....	3	3	....	3	3	....	....	....	....	....	....	....
13	9	4	12	10	2	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....
22	16	6	9	6	3	....	....	....	6	4	2	5	4	1	1	....	1	....	....	....
6	4	2	3	2	1	....	....	....	5	4	1	4	4	....	1	....	1	....	....	....
44	27	17	19	15	4	....	....	....	17	11	6	15	11	4	2	....	2	....	....	....
270	151	119	123	71	52	....	....	....	60	30	30	59	30	29	1	....	1	....	....	....
10	6	4	15	8	7	....	....	....	4	3	1	4	3	1	....	....	....	....	....	....
54	33	21	18	12	6	3	3	....	12	2	10	12	2	10	....	....	....	....	....	....
8	4	4	3	3	....	....	....	....	6	4	2	6	4	2	....	....	....	....	....	....
8	5	3	6	4	2	....	....	....	6	5	1	5	4	1	....	....	....	1	1	....
2	....	2	4	....	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
9	5	4	7	5	2	....	....	....	6	3	3	6	3	3	....	....	....	....	....	....
3	2	1	2	....	2	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....
4	2	2	3	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
26	16	10	8	7	1	4	1	3	14	9	5	13	8	5	....	....	....	1	1	....
....	....	....	....	....	....	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	3	1	2	3	1	2	....	....	....	....	....	....
4	4	....	4	3	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	1	1	....	....	....	....	5	2	3	4	1	3	1	1	....	....	....	....
11	7	4	2	....	2	2	1	1	15	12	3	15	12	3	....	....	....	....	....	....
1	....	1	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	3	2	4	1	3	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....
3	2	1	4	1	3	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
4	1	3	7	4	3	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....
7	4	3	11	9	2	....	....	....	4	4	....	3	3	....	1	1	....	....	....	....
....	....	....	2	2	....	....	....	....	2	2	....	1	1	....	1	1	....	....	....	....
....	....	....	....	....	....	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....
9	5	4	7	4	3	....	....	....	5	3	2	4	2	2	1	1	....	....	....	....
5	2	3	17	9	8	....	....	....	3	....	3	3	....	3	....	....	....	....	....	....
19	10	9	10	1	9	1	1	....	4	....	4	3	....	3	1	....	1	....	....	....
....	....	....	....	....	....	....	....	....	5	2	3	5	2	3	....	....	....	....	....	....
6	4	2	....	....	....	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	1	....	2	2	....	1	1	....	6	3	3	5	3	2	1	....	1	....	....	....
5	....	5	12	6	6	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....
2	....	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
20	13	7	4	2	2	....	....	....	20	6	14	18	5	13	2	1	1	....	....	....
....	....	....	....	....	....	....	....	....	7	2	5	7	2	5	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....

Table 24—Deaths of Children under One Year (exclusive of Stillbirths), by Age at Death, in the Province of Ontario, 1941

Ages		Total
All infants		3,294
	M.	1,910
	F.	1,384
Under 1 day		845
	M.	478
	F.	367
1 day		260
	M.	151
	F.	109
2 days		182
	M.	126
	F.	56
3 days		113
	M.	64
	F.	49
4 days		90
	M.	50
	F.	40
5 days		47
	M.	31
	F.	16
6 days		39
	M.	15
	F.	24
Under 1 week		1,576
	M.	915
	F.	661
1 week and under 2 weeks		174
	M.	104
	F.	70
2 weeks and under 3 weeks		108
	M.	60
	F.	48
3 weeks and under 1 month		110
	M.	68
	F.	42
Under 1 month		1,968
	M.	1,147
	F.	821
1 month and under 2 months		267
	M.	162
	F.	105
2 months and under 3 months		224
	M.	118
	F.	106
3 months and under 4 months		169
	M.	98
	F.	71
4 months and under 5 months		157
	M.	93
	F.	64
5 months and under 6 months		114
	M.	70
	F.	44
6 months and under 7 months		94
	M.	59
	F.	35
7 months and under 8 months		83
	M.	45
	F.	38
8 months and under 9 months		64
	M.	27
	F.	37
9 months and under 10 months		62
	M.	36
	F.	26
10 months and under 11 months		53
	M.	35
	F.	18
11 months and under 12 months		39
	M.	20
	F.	19

Table 25—Deaths of Children under One Year of Age (exclusive of Stillbirths) Classified According to Racial Origin of Decedents, in the Province of Ontario, 1941

Racial Origins	Total
All origins	3,294
English	1,115
Irish	514
Scottish	377
Welsh	16
French	638
Armenian	1
Austrian	5
Belgian	10
Bulgarian	1
Chinese	2
Czech and Slovak	18
Danish	6
Dutch	60
Finish	23
German	131
Greek	6
Hindu	...
Hungarian	20
Icelandic	...
Indian	120
Italian	35
Japanese	...
Jewish	20
Negro	13
Norwegian	11
Polish	38
Roumanian	7
Russian	10
Serb and Croat	9
Swedish	8
Swiss	9
Syrian	1
Ukrainian*	32
Other	3
Not specified	35

*Including "Galician" and "Bukovinian."

Table 26—Deaths of Children under One Year of Age (exclusive of Stillbirths) Classified According to Birthplaces of Parents, in the Province of Ontario, 1941

Birthplace of Father	Total Fathers	Birthplace of Mother: Canada										British Isles					British Possessions		Europe															Asia						
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other	Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia*	Sweden	Other	China	Japan	Other	United States	Various	Not specified
Canada	2,611	2	12	9	193	2097	32	38	6	4	29	63	9	34	4	...	2	...	...	1	2	2	1	1	...	...	2	...	5	...	1	2	1	...	...	...	59	...	...
Prince Edward Island	3	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nova Scotia	18	1	4	...	...	11	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New Brunswick	11	...	...	4	1	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Quebec	214	...	1	...	116	93	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...
Ontario	2,250	1	6	4	74	1942	18	23	4	4	4	62	8	28	2	...	2	...	...	1	1	2	1	1	...	...	2	...	5	...	1	2	...	...	...	...	52	...	...
Manitoba	38	...	...	1	...	20	11	2	2	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Saskatchewan	32	...	...	...	2	13	2	9	...	...	1	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...
Alberta	11	...	1	...	...	5	1	2	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
British Columbia	2	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Province not specified	32	...	...	...	...	4	...	...	...	...	24	...	...	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
British Isles	265	...	1	...	9	161	3	1	1	3	7	44	4	18	2	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	8	...	...
England	162	...	1	...	6	99	1	...	1	3	4	31	2	4	2	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	5	...	...
Ireland	21	...	...	...	...	13	...	...	...	...	1	4	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scotland	77	...	...	...	2	46	2	...	...	...	2	9	1	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...
Wales	5	...	...	...	1	3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
British Possessions	7	...	...	...	...	5	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Newfoundland	4	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other	3	...	...	...	...	2	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Europe	176	...	...	...	1	47	6	6	2	...	3	1	1	...	...	...	...	...	4	5	1	3	...	4	1	16	9	1	20	3	10	1	27	...	...	...	4	...	...
Austria	12	...	...	...	...	3	1	1	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...
Belgium	7	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Denmark	4	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
Finland	12	...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
France	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Germany	5	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Holland	3	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hungary	18	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16	...	...	...	...	...	...	...	...	...	...	...	...	...
Italy	17	...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	...	...	...	...	...	...	1	...	...
Norway	5	...	...	...	...	1	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...
Poland	33	...	...	...	...	9	1	2	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16	...	1	...	1	...	...	...	1	...	...
Roumania	5	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	...	...	1	...	...	...	...	...	...
Russia*	20	...	...	...	...	2	2	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	9	...	1	...	...	...	...	...	...

Sweden	4	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Other	31	...	...	...	1	5	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24	...	...	...	...	...	...	...
Asia	6	...	...	...	...	4	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
China	3	...	...	...	...	2	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Japan	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other	2	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
United States	50	...	...	...	1	32	2	2	3	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...
Various	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Not specified	179	1	...	...	6	146	3	2	1	1	2	3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	...	...	1	...	9
Total Mothers	3,294	3	13	9	210	2492	46	50	14	9	41	113	14	55	6	.	3	2	4	6	3	5	1	5	1	16	11	1	26	3	13	3	29	...	...	78	...	9

*Including the Ukraine.

Table 27—Deaths of Children (exclusive of Stillbirths) from Certain Specified Causes in First Year of Life by Sex and Calendar Month of Death, Ontario, 1941

CAUSES OF DEATH	Total under 1 year			MONTH OF DEATH																							
				Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Total	M.	F.	M.	F.	M.	F.	M.	F	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
ALL CAUSES. Total	3,294	1910	1384	191	136	156	122	169	123	155	101	154	105	149	105	135	103	159	103	171	119	171	125	140	108	160	134
7. Cerebrospinal meningitis	9	8	1							1		2	1	1		1								1		2	
9. Whooping-cough	81	45	36	5	1	3	7	8			1	2		3	3	4	4	7	3	3	2	5	2	4	5	1	8
10. Diphtheria	1	1																		1							
11. Erysipelas	3	2	1	1					1					1													
13. Tuberculosis of the respiratory system	5	3	2			1						1					2	1									
14-22. Tuberculosis, other forms	11	6	5	2	1		1	1	1						1			1				2					1
24. Purulent infection and septicaemia	1	1										1															
27. Dysentery	14	7	7		1	1						1		1	1	1	1		2	2	1	1	1				
30. Syphilis	19	9	10	1	2	1	1	2		2	1	1			2	1	1		1				1			1	1
33. Influenza	105	63	42	28	13	10	10	3	7	5	1	2	1	2	1	1	1	1			3	3	1	3	2	5	2
35. Measles	16	8	8	2	1	1	1	2		1	2	2	1		1				1						1		
64. Diseases of the thymus gland	50	29	21	2		3		2	1	2	1	2	1	3	2	1	3	1	3	3	5	3		2	4	5	1
81. Meningitis (non-meningococcal)	11	7	4		1			1					1					1	1	2		1		1	1	1	
86. Convulsions	28	15	13	2	1	3		2	1		1	1	1	2	3			1		1	2	1		1	1	1	3
89. Diseases of the ear and of the mastoid process	7	2	5				2			1				1	1						1		1				
105. Diseases of the larynx	1		1																						1		
106. Bronchitis	24	12	12	3	4	2	2	3	1	1			1	1		1	1			1					1		2
107. Bronchopneumonia	251	164	87	21	23	23	7	22	10	16	4	12	7	16	3	3	3	5	4	5	5	13	6	14	6	14	9
108, 109. Pneumonia	91	56	35	6	7	11	7	6	5	2	2	7	2	3	2	2		3		5			3	5	4	6	3
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils.	13	9	4		1	1		1		1	1			1				2		2			2	1			
116-118. Diseases of the stomach	11	5	6	1		1			1	1	1								2	1	2	1					
119. Diarrhoea and enteritis	297	163	134	7	11	5	2	5	4	9	4	9	7	9	10	10	9	25	17	46	33	27	25	6	8	5	4
130. Acute nephritis	3	2	1	1		1																					1
157. Congenital malformations	514	262	252	25	16	18	19	17	20	15	22	26	23	22	18	24	24	22	23	25	12	23	20	18	27	27	28
(A) Congenital hydrocephalus	87	39	48	2	2	3	5	6	3	3	4	5	8	4	1	4	7	1	4	2	2	2	5	3	3	4	4
(C) Congenital malformations of the heart	150	89	61	11	6	6	9	5	6	6	7	4	1	8	6	8	5	6	5	12	2	10	4	2	5	11	5
(F, G, E) Others under this title	277	134	143	12	8	9	5	6	11	6	11	17	14	10	11	12	12	15	14	11	8	11	11	13	19	12	19
158. Congenital debility	105	72	33	7		4	4	8	4	5	4	3	2	3	3	4	1	7	2	10	6	7	3	7	3	7	1
159. Premature birth	860	490	370	41	33	35	36	46	37	48	34	39	31	46	33	41	28	44	25	29	21	36	36	38	23	47	33
160. Injury at birth	372	232	140	19	10	15	9	20	15	21	14	23	11	14	7	16	16	19	11	20	11	22	12	25	6	18	18
161. Other diseases peculiar to the first year of life	215	137	78	13	4	8	8	10	7	13	6	8	9	14	8	14	4	12	4	11	7	20	5	4	6	10	10

166–168. Homicides	8	3	5	....	1	....	....	....	1	....	....	....	1	1	1	1	....	1	....	....	1	....	....	....	....	....	....	....
169–195. Other violent deaths	90	48	42	1	2	3	4	7	2	5	....	6	2	3	3	6	4	3	1	1	5	2	6	7	6	4	7
Other specified causes	57	35	22	3	3	4	2	2	3	5	2	5	3	2	1	4	....	1	2	2	1	2	1	2	2	3	2
199, 200 Ill-defined and unknown causes of of death	21	14	7	....	....	2	....	1	2	1	....	1	....	....	1	....	1	2	1	1	1	2	....	1	1	3	....

Table 28—Deaths of Children (exclusive of Stillbirths) from Certain Specified

CAUSES OF DEATH	Total	Total under 1 year		Under 1 day		1 day & under 1 week		1 week & under 2 weeks		2 weeks & under 3 weeks	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
ALL CAUSES. Total	3,294	1,910	1,384	478	367	437	294	104	70	60	48
6. Cerebrospinal meningitis	9	8	1	....	....	....	....	....	....	....	....
9. Whooping-cough	81	45	36	....	....	....	....	1	....	....	....
10. Diphtheria	1	1	....	....	....	....	....	....	....	....	....
11. Erysipelas	3	2	1	....	....	1	....	....	....	....	....
13. Tuberculosis of the respiratory system	5	3	2	....	....	....	....	....	....	....	....
14–22. Tuberculosis, other forms	11	6	5	....	....	....	....	....	....	....	....
24. Purulent infection and septicaemia	1	1	....	....	....	....	....	....	....	....	....
27. Dysentery	14	7	7	....	....	....	....	1	....	....	....
30. Syphilis	19	9	10	1	1	1	....	....	2	....	....
33. Influenza	105	63	42	....	....	....	1	1	2	2	....
35. Measles	16	8	8	....	....	....	....	....	....	....	....
64. Diseases of the thymus gland	50	29	21	3	1	6	5	2	1	1	....
81. Meningitis (non-meningococal)	11	7	4	....	....	....	....	1	....	....	....
86. Convulsions	28	15	13	....	....	3	2	1	1	....	....
89. Diseases of the ear and of the mastoid process	7	2	5	....	....	....	....	....	....	....	....
105. Diseases of the larynx	1	....	1	....	....	....	....	....	....	....	....
106. Bronchitis	24	12	12	....	....	....	....	....	....	....	....
107. Bronchopneumonia	251	164	87	....	....	7	....	5	5	9	4
108, 109. Pneumonia	91	56	35	....	....	1	2	1	....	2	1
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils	13	9	4	....	....	....	....	....	....	....	....
116–118. Diseases of the stomach	11	5	6	....	....	....	....	....	....	....	....
119. Diarrhoea and enteritis	297	163	134	....	....	2	6	7	5	6	10
130. Acute nephritis	3	2	1	....	....	....	....	1	....	....	....
157. Congenital malformations	514	262	252	52	58	74	56	21	16	13	14
(A) Congenital hydrocephalus	87	39	48	7	12	7	2	3	4	2	3
(D) Congenital malformations of the heart	150	89	61	17	9	28	24	3	3	3	2
(B, C, E) Others under this title	277	134	143	28	37	39	30	15	9	8	9
158. Congenital debility	105	72	33	8	5	21	6	4	3	1	....
159. Premature birth	860	490	370	255	195	158	120	34	24	15	14
160. Injury at birth	372	232	140	106	76	102	56	10	5	5	....
161. Other diseases peculiar to the first year of life	215	137	78	48	24	52	35	11	5	5	2
166–168. Homicides	8	3	5	3	4	....	1	....	....	....	....
169–195. Other violent deaths	90	48	42	....	1	3	1	2	1	1	2
Other specified causes	57	35	22	....	1	2	2	....	....	....	1
199, 200. Ill-defined and unknown causes of death	21	14	7	2	1	4	1	1	....	....	....

Causes in First Year of Life, by Sex and Age at Death, Ontario, 1941

AGE AT DEATH

3 weeks & under 1 month		1 month & under 2 months		2 months & under 3 months		3 months & under 4 months		4 months & under 5 months		5 months & under 6 months		6 months & under 7 months		7 months & under 8 months		8 months & under 9 months		9 months & under 10 months		10 months & under 11 months		11 months & under 12 months	
Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
68	42	162	105	118	106	98	71	93	64	70	44	59	35	45	38	27	37	36	26	35	18	20	19
....	....	3	....	....	....	....	....	2	....	....	....	1	....	2	....	....	....	....	1	....	....	....	....
2	1	9	5	9	9	9	6	4	3	4	4	3	2	1	1	1	1	....	4	2	....	....	....
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....
1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	....	1
1	....	....	....	1	....	....	1	....	....	2	....	1	....	....	1	....	2	....	....	1	....	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....
....	....	3	1	....	....	....	1	1	1	....	1	1	1	1	2	....	....	....	....	....	....	....	....
....	1	4	2	1	1	1	1	1	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....
2	3	8	3	10	6	10	4	5	5	5	3	7	4	5	5	3	4	1	2	4	....	....	....
1	....	....	1	....	....	1	....	3	....	....	1	....	....	....	....	....	3	2	....	....	2	1	1
1	1	6	4	4	6	3	....	1	2	....	1	2	....	....	....	....	....	....	....	....	....	....	....
....	....	2	....	....	2	2	1	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....
2	....	2	2	....	2	2	1	3	1	....	2	1	2	....	....	....	....	....	....	1	....	....	....
....	....	1	....	....	1	....	1	1	....	....	1	....	....	....	1	....	....	....	....	....	1	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....
1	1	2	3	1	2	1	1	....	1	....	....	1	1	1	2	1	....	2	....	1	....	1	1
10	2	20	13	18	12	16	7	20	13	11	6	7	7	14	7	5	5	11	2	8	2	3	2
3	1	7	3	6	6	4	5	8	3	7	2	5	2	5	2	2	3	1	2	3	1	1	2
....	....	1	....	....	....	1	1	1	....	1	....	....	1	1	....	1	....	....	1	1	....	2	1
1	1	2	1	....	2	1	....	....	....	....	....	....	1	1	1	....	....	....	....	....	....	....	....
4	5	27	22	18	19	19	17	24	12	18	6	11	6	5	6	5	8	8	3	6	5	3	4
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....
14	12	24	25	20	19	11	11	6	12	7	7	7	1	3	5	2	4	2	4	2	4	4	4
1	3	4	5	1	6	3	3	2	3	1	1	3	....	2	....	1	2	1	....	....	2	1	2
5	1	11	3	8	5	4	2	1	6	3	1	3	....	....	2	1	....	....	1	1	2	1	....
8	8	9	17	11	8	4	6	3	3	3	5	1	1	1	3	....	2	1	3	1	....	2	2
2	4	11	3	10	7	7	2	3	1	3	1	....	....	....	....	....	....	1	....	1	....	....	1
11	5	10	5	6	4	....	1	....	2	....	....	....	....	1	....	....	....	....	....	....	....	....	....
3	1	1	1	1	....	2	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	1	....
5	2	5	4	1	....	1	2	4	....	2	1	....	....	....	....	....	1	1	1	1	....	1	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	1	4	4	7	4	3	6	4	5	4	5	6	2	4	2	2	2	3	4	....	2	3	....
1	1	7	3	3	2	2	2	2	2	5	2	5	2	....	1	2	3	3	....	3	....	....	....
....	....	2	....	2	2	1	....	....	1	....	1	....	1	....	....	2	....	....	....	....	....	....	....

Table 29—Total Deaths (exclusive of Stillbirths) and Deaths in Institutions, Showing the Number Non-Resident in the Province of Ontario, 1941

	All Deaths						In Institutions					
	Total			Non-resident in Province			Total			Non-resident in Province		
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
Total for the Province	39,226	21,549	17,677	508	371	137	16,216	9,451	6,765	225	153	72

Table 30—Total Deaths (exclusive of Stillbirths) and Deaths in in Cities, Towns and Villages of

Cities and Towns	All Deaths												Deaths		
	Total			Residents			Non-resident in City, Town or Village where Death Occurred and						Total		
							Resident in Province			Non-resident in Province					
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
Cities:															
Belleville	303	170	133	159	80	79	141	89	52	3	1	2	200	123	77
Brantford	433	225	208	363	184	179	70	41	29	...	...	...	240	135	105
Chatham	340	188	152	178	88	90	155	98	57	7	2	5	230	131	99
Fort William	297	188	109	209	135	74	82	48	34	6	5	1	221	141	80
Galt	200	107	93	150	76	74	50	31	19	...	...	...	97	52	45
Guelph	235	108	127	179	77	102	53	29	24	3	2	1	135	64	71
Hamilton	1798	974	824	1528	805	723	262	163	99	8	6	2	1023	594	429
Kingston	560	296	264	336	163	173	213	125	88	11	8	3	392	218	174
Kitchener	399	212	187	284	150	134	113	62	51	2	...	2	219	130	89
London	1124	586	538	788	405	383	332	180	152	4	1	3	745	405	340
Niagara Falls	222	130	92	180	99	81	38	28	10	4	3	1	125	85	40
North Bay	160	88	72	111	56	55	47	31	16	2	1	1	112	67	45
Oshawa	237	123	114	185	90	95	52	33	19	...	...	...	98	54	44
Ottawa	1895	1024	871	1537	795	742	289	183	106	69	46	23	1218	694	524
Owen Sound	203	108	95	158	79	79	45	29	16	...	...	...	91	61	30
Peterborough	369	207	162	267	144	123	101	63	38	1	...	1	220	134	86
Port Arthur	290	199	91	200	135	65	87	63	24	3	1	2	220	153	67
St. Catharines	349	204	145	255	141	114	92	62	30	2	1	1	182	107	75
St. Thomas	286	152	134	207	105	102	77	45	32	2	2	...	166	94	72
Sarnia	228	115	113	172	81	91	54	33	21	2	1	1	113	65	48
Sault Ste. Marie	279	160	119	223	127	96	55	32	23	1	1	...	152	103	49
Stratford	228	126	102	176	93	83	52	33	19	...	...	...	109	68	41
Sudbury	289	185	104	192	121	71	94	61	33	3	3	...	192	123	69
Toronto	7687	4102	3585	6423	3341	3082	1228	734	494	36	27	9	4243	2455	1788
Welland	187	110	77	95	56	39	86	50	36	6	4	2	126	80	46
Windsor	1038	587	451	817	442	375	204	134	70	17	11	6	631	383	248
Woodstock	221	118	103	168	85	83	53	33	20	...	...	...	124	71	53
Towns:															
Barrie	147	82	65	98	52	46	46	27	19	3	3	...	66	40	26
Brampton	79	36	43	46	22	24	33	14	19	...	...	...	49	21	28
Brockville	198	105	93	143	70	73	53	33	20	2	2	...	131	75	56
Cobourg	125	60	65	90	45	45	35	15	20	...	...	...	63	30	33
Collingwood	127	65	62	77	37	40	49	27	22	1	1	...	73	39	34
Cornwall	276	163	113	179	106	73	85	51	34	12	6	6	193	113	80
Dundas	60	29	31	58	28	30	2	1	1	...	...	...	22	10	12
Eastview	30	14	16	30	14	16	...	...	...	...	...	...	...	...	...
Fort Erie	85	50	35	56	27	29	24	19	5	5	4	1	52	38	14
Fort Francis	35	20	15	26	13	13	9	7	2	...	...	...	11	8	3
Hawkesbury	87	47	40	62	36	26	10	3	7	15	8	7	39	19	20
Ingersoll	77	30	47	60	20	40	17	10	7	...	...	...	37	13	24
Kenora	84	49	35	54	34	20	26	12	14	4	3	1	62	35	27
Leamington	78	33	45	65	25	40	11	6	5	2	2	...	15	7	8
Leaside	19	10	9	15	7	8	4	3	1	...	...	...	...	...	...
Lindsay	148	82	66	88	44	44	59	37	22	1	1	...	89	52	37
Midland	92	56	36	59	30	29	32	25	7	1	1	...	53	36	17
Mimico	49	24	25	39	18	21	10	6	4	...	...	...	2	2	...
New Toronto	92	44	48	22	11	11	68	31	37	2	2	...	64	28	36
Orillia	188	101	87	121	60	61	67	41	26	...	...	...	104	60	44
Parry Sound	107	61	46	51	27	24	55	34	21	1	...	1	83	49	34
Pembroke	180	87	93	111	50	61	64	32	32	5	5	...	129	66	63
Port Colborne	37	14	23	30	10	20	7	4	3	...	...	...	...	...	...
Port Hope	78	33	45	61	25	36	16	7	9	1	1	...	45	18	27
Preston	41	23	18	36	19	17	3	2	1	2	2	...	3	2	1
Renfrew	94	55	39	66	33	33	27	21	6	1	1	...	47	36	11
Simcoe	135	75	60	71	38	33	64	37	27	...	...	...	93	46	47
Smiths Falls	128	63	65	93	45	48	35	18	17	...	...	...	75	37	38
Thorold	45	20	25	37	15	22	8	5	3	...	...	...	12	5	7
Timmins	189	119	70	160	98	62	28	20	8	1	1	...	99	69	30
Trenton	51	19	32	51	19	32	...	...	...	...	...	...	...	...	...
Waterloo	45	23	22	42	22	20	3	1	2	...	...	...	...	...	...
Weston	25	14	11	25	14	11	...	...	...	...	...	...	...	...	...
Whitby	174	88	86	56	34	22	117	54	63	1	...	1	136	70	66
Villages:															
Forest Hill	33	16	17	30	14	16	3	2	1	...	...	...	...	...	...
Long Branch	15	9	6	12	7	5	3	2	1	...	...	...	...	...	...
Swansea	32	17	15	32	17	15	...	...	...	...	...	...	...	...	...

Institutions, Classified according to Residence of Decedents Ontario of 5,000 Population and Over, 1941

In Institutions									Deaths Elsewhere than in Institutions											
Residents			Non-resident in City, Town or Village where Death Occurred and						Total			Residents			Non-resident in City, Town or Village where Death Occurred and					
			Resident in Province			Non-resident in Province									Resident in Province			Non-resident in Province		
Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
65	37	28	132	85	47	3	1	2	103	47	56	94	43	51	9	4	5	....	....	....
175	95	80	65	40	25	....	....	....	193	90	103	188	89	99	5	1	4	....	....	....
71	34	37	152	95	57	7	2	5	110	57	53	107	54	53	3	3	....	....	....	....
140	92	48	77	46	31	4	3	1	76	47	29	69	43	26	5	2	3	2	2	....
53	26	27	44	26	18	....	....	....	103	55	48	97	50	47	6	5	1	....	....	....
83	35	48	49	27	22	3	2	1	100	44	56	96	42	54	4	2	2	....	....	....
774	435	339	242	153	89	7	6	1	775	380	395	754	370	384	20	10	10	1	....	1
185	92	93	199	120	79	8	6	2	168	78	90	151	71	80	14	5	9	3	2	1
109	69	40	109	61	48	1	....	1	180	82	98	175	81	94	4	1	3	1	....	1
422	230	192	319	174	145	4	1	3	379	181	198	366	175	191	13	6	7	....	....	....
89	58	31	36	27	9	....	....	....	97	45	52	91	41	50	2	1	1	4	3	1
65	37	28	46	30	16	1	....	1	48	21	27	46	19	27	1	1	....	1	1	....
54	25	29	44	29	15	....	....	....	139	69	70	131	65	66	8	4	4	....	....	....
885	485	400	270	168	102	63	41	22	677	330	347	652	310	342	19	15	4	6	5	1
52	35	17	39	26	13	....	....	....	112	47	65	106	44	62	6	3	3	....	....	....
124	75	49	95	59	36	1	....	1	149	73	76	143	69	74	6	4	2	....	....	....
138	96	42	81	57	24	1	....	1	70	46	24	62	39	23	6	6	....	2	1	1
98	54	44	82	52	30	2	1	1	167	97	70	157	87	70	10	10	....	....	....	....
95	49	46	70	44	26	1	1	....	120	58	62	112	56	56	7	1	6	1	1	....
64	34	30	49	31	18	....	....	....	115	50	65	108	47	61	5	2	3	2	1	1
106	74	32	45	28	17	1	1	....	127	57	70	117	53	64	10	4	6	....	....	....
62	37	25	47	31	16	....	....	....	119	58	61	114	56	58	5	2	3	....	....	....
100	61	39	89	59	30	3	3	....	97	62	35	92	60	32	5	2	3	....	....	....
3116	1770	1346	1106	670	436	21	15	6	3444	1647	1797	3307	1571	1736	122	64	58	15	12	3
44	29	15	79	48	31	3	3	....	61	30	31	51	27	24	7	2	5	3	1	2
430	250	180	189	125	64	12	8	4	407	204	203	387	192	195	15	9	6	5	3	2
76	38	38	48	33	15	....	....	....	97	47	50	92	47	45	5	....	5	....	....	....
30	20	10	36	20	16	....	....	....	81	42	39	68	32	36	10	7	3	3	3	....
18	7	11	31	14	17	....	....	....	30	15	15	28	15	13	2	....	2	....	....	....
78	41	37	51	32	19	2	2	....	67	30	37	65	29	36	2	1	1	....	....	....
36	20	16	27	10	17	....	....	....	62	30	32	54	25	29	8	5	3	....	....	....
26	13	13	47	26	21	....	....	....	54	26	28	51	24	27	2	1	1	1	1	....
105	63	42	77	45	32	11	5	6	83	50	33	74	43	31	8	6	2	1	1	....
22	10	12	....	....	....	....	....	....	38	19	19	36	18	18	2	1	1	....	....	....
....	....	....	....	....	....	....	....	....	30	14	16	30	14	16	....	....	....	....	....	....
25	16	9	23	18	5	4	4	....	33	12	21	31	11	20	1	1	....	1	....	1
4	3	1	7	5	2	....	....	....	24	12	12	22	10	12	2	2	....	....	....	....
19	10	9	8	2	6	12	7	5	48	28	20	43	26	17	2	1	1	3	1	2
22	3	19	15	10	5	....	....	....	40	17	23	38	17	21	2	....	2	....	....	....
34	21	13	24	11	13	4	3	1	22	14	8	20	13	7	2	1	1	....	....	....
5	2	3	8	3	5	2	2	....	63	26	37	60	23	37	3	3	....	....	....	....
....	....	....	....	....	....	....	....	....	19	10	9	15	7	8	4	3	1	....	....	....
34	17	17	54	34	20	1	1	....	59	30	29	54	27	27	5	3	2	....	....	....
24	14	10	28	21	7	1	1	....	39	20	19	35	16	19	4	4	....	....	....	....
....	....	....	2	2	....	....	....	....	47	22	25	39	18	21	8	4	4	....	....	....
2	1	1	61	26	35	1	1	....	28	16	12	20	10	10	7	5	2	1	1	....
47	27	20	57	33	24	....	....	....	84	41	43	74	33	41	10	8	2	....	....	....
28	16	12	54	33	21	1	....	1	24	12	12	23	11	12	1	1	....	....	....	....
63	30	33	61	31	30	5	5	....	51	21	30	48	20	28	3	1	2	....	....	....
....	....	....	....	....	....	....	....	....	37	14	23	30	10	20	7	4	3	....	....	....
31	11	20	13	6	7	1	1	....	33	15	18	30	14	16	3	1	2	....	....	....
....	....	....	1	....	1	2	2	....	38	21	17	36	19	17	2	2	....	....	....	....
22	15	7	24	20	4	1	1	....	47	19	28	44	18	26	3	1	2	....	....	....
30	9	21	63	37	26	....	....	....	42	29	13	41	29	12	1	....	1	....	....	....
44	21	23	31	16	15	....	....	....	53	26	27	49	24	25	4	2	2	....	....	....
5	1	4	7	4	3	....	....	....	33	15	18	32	14	18	1	1	....	....	....	....
76	53	23	23	16	7	....	....	....	90	50	40	84	45	39	5	4	1	1	1	....
....	....	....	....	....	....	....	....	....	51	19	32	51	19	32	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	45	23	22	42	22	20	3	1	2	....	....	....
....	....	....	....	....	....	....	....	....	25	14	11	25	14	11	....	....	....	....	....	....
23	17	6	112	53	59	1	....	1	38	18	20	33	17	16	5	1	4	....	....	....
....	....	....	....	....	....	....	....	....	33	16	17	30	14	16	3	2	1	....	....	....
....	....	....	....	....	....	....	....	....	15	9	6	12	7	5	3	2	1	....	....	....
....	....	....	....	....	....	....	....	....	32	17	15	32	17	15	....	....	....	....	....	....

Table 31—Deaths (exclusive of Stillbirths) by Single Years of Age and by Age Groups in the Province of Ontario, 1941

AGES	Total for Province		
	Total	Male	Female
All ages	39,226	21,549	17,677
Under 1 year	3,294	1,910	1,384
1 year	245	116	129
2 years	161	105	56
3 "	120	63	57
4 "	80	45	35
Total under 5 years	3,900	2,239	1,661
5 years	88	53	35
6 "	75	48	27
7 "	59	29	30
8 "	70	39	31
9 "	50	33	17
Total 5-9 years	342	202	140
10 years	62	41	21
11 "	54	34	20
12 "	57	40	17
13 "	59	37	22
14 "	79	40	39
Total 10-14 years	311	192	119
15 years	66	39	27
16 "	84	51	33
17 "	89	57	32
18 "	107	67	40
19 "	109	76	33
Total 15-19 years	455	290	165
20 years	124	77	47
21 "	125	81	44
22 "	120	71	49
23 "	112	68	44
24 "	119	82	37
Total 20-24 years	600	379	221
25 years	99	62	37
26 "	138	78	60
27 "	136	72	64
28 "	112	68	44
29 "	132	79	53
Total 25-29 years	617	359	258
30 years	132	69	63
31 "	124	66	58
32 "	118	69	49
33 "	132	73	59
34 "	126	74	52
Total 30-34 years	632	351	281
35 years	156	92	64
36 "	161	87	74
37 "	150	89	61
38 "	189	107	82
39 "	192	107	85
Total 35-39 years	848	482	366
40 years	186	106	80
41 "	196	115	81
42 "	218	130	88
43 "	217	121	96
44 "	257	142	115
Total 40-44 years	1,074	614	460
45 years	264	154	110
46 "	261	154	107
47 "	292	160	132
48 "	306	183	123
49 "	354	193	161
Total 45-49 years	1,477	844	633
50 years	365	223	142
51 "	349	220	129
52 "	466	281	185
53 "	423	262	161
54 "	473	289	184
Total 50-54 years	2,076	1,275	801
55 years	491	306	185
56 "	462	274	188
57 "	521	310	211
58 "	549	320	229
59 "	608	351	257
Total 55-59 years	2,631	1,561	1,070
60 years	604	379	225
61 "	595	353	242
62 "	650	391	259
63 "	725	404	321
64 "	725	436	289
Total 60-64 years	3,299	1,963	1,336
65 years	806	428	378
66 "	698	411	287
67 "	766	422	344
68 "	826	456	370
69 "	881	500	381
Total 65-69 years	3,977	2,217	1,760
70 years	862	491	371
71 "	813	440	373
72 "	958	533	425
73 "	917	483	434
74 "	1,008	518	490
Total 70-74 years	4,558	2,465	2,093
75 years	1,012	526	486
76 "	1,032	529	503
77 "	960	505	455
78 "	935	498	437
79 "	935	476	459
Total 75-79 years	4,874	2,534	2,340
80 years	934	433	501
81 "	852	431	421
82 "	831	427	404
83 "	779	376	403
84 "	732	339	393
Total 80-84 years	4,128	2,006	2,122
85 years	650	320	330
86 "	511	236	275
87 "	498	235	263
88 "	388	200	188
89 "	316	139	177
Total 85-89 years	2,363	1,130	1,233
90 years	253	115	138
91 "	187	76	111
92 "	191	83	108
93 "	121	52	69
94 "	97	37	60
Total 90-94 years	849	363	486
95 years	68	20	48
96 "	39	21	18
97 "	30	9	21
98 "	21	5	16
99 "	14	6	8
Total 95-99 years	172	61	111
100 years and over	34	16	18
Not stated	9	6	3

Table 32—Deaths (exclusive of Stillbirths) Classified according to Racial Origin of Decedents in the Province of Ontario, 1941

RACIAL ORIGIN	Ontario			RACIAL ORIGIN	Ontario		
	Total	Male	Female		Total	Male	Female
All Origins	39,226	21,549	17,677	Hungarian	95	67	28
English	14,716	8,029	6,687	Icelandic	....	....	....
Irish	8,374	4,420	3,954	Indian	505	262	243
Scottish	6,484	3,392	3,092	Italian	322	205	117
Welsh	255	156	99	Japanese	1	1	....
French	3,239	1,879	1,360	Jewish	458	249	209
German	1,558	853	705	Negro	116	59	57
Armenian	14	11	3	Norwegian	69	45	24
Austrian	92	64	28	Polish	349	231	118
Belgian	63	39	24	Roumanian	67	40	27
Bulgarian	8	6	2	Russian	130	103	27
Chinese	108	107	1	Serb and Croat	59	44	15
Czech and Slovak	73	47	26	Swedish	104	73	31
Danish	43	35	8	Swiss	82	44	38
Dutch	784	412	372	Syrian	26	15	11
Finnish	266	174	92	Ukrainian*	217	147	70
Greek	39	28	11	Other	37	26	11
Hindu	....	....	....	Not specified	473	286	187

*Including "Galician" and "Bukovinian."

Table 33—Deaths (exclusive of Stillbirths) Classified according to Birthplace of Decedents for the Province of Ontario and for Cities, Towns and Villages of 10,000 Population and Over, 1941

Province, Cities, Towns and Villages	Total Deaths by Sex	BIRTHPLACE OF DECEDENTS																																				
		Canada										British Isles					British Possessions		Europe														Asia					
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other	Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia*	Sweden	Other	China	Japan	Other	United States	Various	Not specified
Ontario.....Total	39,226	32	158	120	1575	26659	100	78	29	15	65	4465	856	1421	98	27	90	85	130	45	25	205	29	209	35	78	231	40	425	76	343	64	179	101	1	34	949	3	151
M.	21,549	17	95	64	886	14214	58	47	19	11	41	2513	465	749	55	18	52	48	96	30	22	140	22	119	19	60	156	30	272	51	223	47	128	100	1	25	526	1	129
F.	17,677	15	63	56	689	12445	42	31	10	4	24	1952	391	672	43	9	38	37	34	15	3	65	7	90	16	18	75	10	153	25	120	17	51	1	..	9	423	2	22
Cities, towns and villages of 10,000 and over.....Total	20,733	23	97	85	913	12574	53	41	12	5	50	2955	580	1003	56	21	62	56	91	18	16	113	17	101	18	51	178	21	342	65	270	27	120	80	1	26	515	1	76
M.	11,282	11	53	43	501	6609	25	21	6	3	30	1650	310	529	32	13	37	30	66	12	13	70	13	54	8	39	118	15	218	45	166	20	87	79	1	18	274	...	63
F.	9,451	12	44	42	412	5965	28	20	6	2	20	1305	270	474	24	8	25	26	25	6	3	43	4	47	10	12	60	6	124	20	104	7	33	1	..	8	241	1	13
Belleville.....Total	303	..	...	...	7	260	...	..	..	..	...	18	1	5	1	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2	..	1	5	...	1
M.	170	..	...	...	4	146	...	..	..	..	...	10	...	3	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2	..	1	2	...	...
F.	133	..	...	...	3	114	...	..	..	..	...	8	1	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	3	...	1
Brantford.....Total	433	..	...	3	2	318	...	..	..	..	...	65	4	19	1	...	...	1	...	...	1	...	...	...	...	1	...	...	5	...	2	...	1	1	..	4	5	...	...
M.	225	..	...	2	1	170	...	..	..	..	...	32	3	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	1	..	2	3	...	...
F.	208	..	...	1	1	148	...	..	..	..	...	33	1	11	1	...	...	1	...	...	1	...	...	...	...	1	...	...	4	...	1	...	...	...	..	2	2	...	...
Brockville.....Total	198	..	1	...	6	160	...	..	1	..	...	13	2	4	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	..	..	8	...	...
M.	105	.	...	...	4	82	...	..	..	..	...	10	...	2	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	..	..	4	...	...
F.	93	.	1	...	2	78	...	..	1	..	...	3	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	4	...	...
Chatham.....Total	340	..	1	1	4	272	...	..	..	..	...	37	2	4	...	1	1	...	...	4	...	...	1	...	...	1	...	...	...	...	2	...	1	...	..	..	8	...	...
M.	188	..	...	...	2	148	...	..	..	..	...	22	1	3	...	...	...	...	...	3	...	...	1	...	...	1	...	...	...	...	2	...	1	...	..	..	4	...	...
F.	152	..	1	1	2	124	...	..	..	..	...	15	1	1	...	1	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	4	...	...
Cornwall.....Total	276	1	...	...	32	207	...	..	1	..	...	12	5	5	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	1	...	...	...	..	..	10	...	...
M.	163	..	...	...	16	121	...	..	..	..	...	9	4	3	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	1	...	...	...	..	..	7	...	...
F.	113	1	...	...	16	86	...	..	1	..	...	3	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	3	...	...

Forest Hill.....Total	33	..	...	1	....	23	...	..	..	..	...	3	....	1	...	...	1	1	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	..	...	...	...
M.	16	..	...	1	....	11	...	..	..	..	...	...	....	1	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
F.	17	..	...	...	....	12	...	..	..	..	...	3	....	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Fort William.....Total	297	2	2	3	14	128	2	4	..	..	...	36	8	13	...	...	2	...	11	...	...	17	...	1	...	...	7	4	7	1	13	4	4	2	..	2	9	...	1
M.	188	2	2	2	10	70	1	2	..	..	...	27	6	7	...	...	1	...	8	...	...	11	...	1	...	...	5	3	5	1	11	1	2	2	..	2	5	...	1
F.	109	..	...	1	4	58	1	2	..	..	...	9	2	6	...	...	1	...	3	...	...	6	...	...	...	...	2	1	2	...	2	3	2	...	..	..	4	...	...
Galt.....Total	200	..	...	...	1	143	...	..	..	..	...	30	6	11	...	...	...	...	...	...	...	...	...	3	...	...	2	...	...	...	...	...	...	...	...	..	4	...	...
M.	107	..	...	...	....	77	...	..	..	..	...	14	3	8	...	...	...	...	...	...	...	...	...	1	...	...	2	...	...	...	...	...	...	...	...	..	2	...	...
F.	93	..	...	...	1	66	...	..	..	..	...	16	3	3	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	..	2	...	...
Guelph.....Total	235	..	2	3	....	168	...	..	..	..	...	28	6	16	...	...	...	1	1	...	...	...	...	1	...	...	2	...	1	...	1	...	...	...	...	..	4	...	1
M.	108	..	2	1	....	73	...	..	..	..	...	13	4	9	...	...	...	1	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	..	2	...	1
F.	127	..	...	2	....	95	...	..	..	..	...	15	2	7					1	...	...	...	...	1	...	...	1	...	...	...	1	...	...	...	...	..	2	...	...
Hamilton.....Total	1,798	1	5	4	20	1004	7	5	3	1	2	360	44	124	6	3	7	4	9	...	1	1	1	10	1	10	26	1	28	12	16	1	17	4	...	..	55	1	4
M.	974	..	2	2	12	537	4	1	2	1	...	185	21	63	3	2	3	3	9	...	...	1	1	5	...	8	16	...	18	10	11	1	13	4	..	..	32	...	4
F.	824	1	3	2	8	467	3	4	1	..	2	175	23	61	3	1	4	1	...	...	1	...	...	5	1	2	10	1	10	2	5	...	4	...	...	..	23	1	...
Kingston.....Total	560	1	3	1	15	445	...	..	..	..	1	43	9	11	...	...	2	1	...	...	...	...	...	1	...	...	1	...	...	1	2	...	1	2	..	..	18	...	2
M.	296	..	1	1	11	224	...	..	..	..	...	25	3	6	...	...	2	1	...	...	...	...	...	...	...	...	1	...	...	...	2	...	1	2	..	..	14	...	2
F.	264	1	2	...	4	221	...	..	..	..	1	18	6	5	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	..	4	...	...
Kitchener.....Total	399	..	4	1	2	308	...	..	..	..	...	21	2	5	...	...	...	1	2	...	1	...	1	29	...	...	...	...	5	1	4	...	4	1	...	..	7	...	...
M.	212	..	2	...	1	157	...	..	..	..	...	13	1	5	...	...	...	...	1	...	1	...	1	15	...	...	...	...	4	...	2	...	4	1	...	..	4	...	...
F.	187	..	2	1	1	151	...	..	..	..	...	8	1	...	...	...	...	1	1	...	...	...	...	14	...	...	...	...	1	1	2	...	...	...	...	..	3	...	...
London.....Total	1,124	..	3	5	9	814	4	..	1	1	2	174	18	35	2	1	1	1	...	1	1	...	...	4	1	3	6	...	6	1	2	...	2	6	1	..	17	...	2
M.	586	..	2	1	6	404	2	..	..	..	2	95	10	22	2	1	1	1	...	1	...	...	...	3	1	2	6	...	4	1	2	...	2	6	1	..	6	...	2
F.	538	..	1	4	3	410	2	..	1	1	...	79	8	13	...	...	...	...	...	...	1	...	...	1	...	1	...	...	2	...	...	...	...	...	...	..	11	...	...
Niagara Falls.....Total	222	..	1	2	4	140	...	1	1	..	...	28	5	10	...	...	...	1	1	...	1	...	...	2	...	2	3	1	2	3	1	...	2	...	...	1	9	...	1
M.	130	..	1	...	3	78	...	1	1	..	...	19	3	5	...	...	...	...	...	...	1	...	...	2	...	2	1	1	2	3	1	...	1	...	...	1	3	...	1
F.	92	..	...	2	1	62	...	..	..	..	...	9	2	5	...	...	...	1	1	...	...	...	...	...	...	...	2	...	...	...	...	...	1	...	...	..	6	...	...
North Bay.....Total	160	..	2	1	30	95	...	1	..	..	...	13	3	5	1	...	...	...	...	1	...	1	...	...	...	...	3	...	...	...	...	1	...	...	...	..	3	...	...
M.	88	..	2	...	18	49	...	1	..	..	...	7	2	1	1	...	...	...	...	1	...	1	...	...	...	...	2	...	...	...	...	1	...	...	...	..	2	...	...
F.	72	..	...	1	12	46	...	..	..	..	...	6	1	4	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	..	1	...	...
Oshawa.....Total	237	..	1	1	3	169	...	1	..	..	1	31	7	12	...	...	...	...	1	...	...	...	...	...	...	...	...	...	4	...	3	...	1	...	...	..	2	...	...
M.	123	..	1	1	2	81	...	1	..	..	1	21	2	5	...	...	...	...	1	...	...	...	...	...	...	...	...	...	4	...	2	...	...	...	...	..	1	...	...
F.	114	..	...	...	1	88	...	..	..	..	...	10	5	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	..	1	...	...
Ottawa.....Total	1895	4	12	15	420	1068	4	1	1	..	1	134	49	56	4	...	3	3	3	...	2	1	2	10	...	1	4	1	7	3	22	1	8	10	..	5	38	...	2
M.	1,024	1	8	8	213	563	1	..	1	..	1	72	33	35	3	...	1	2	1	...	2	1	2	6	...	...	2	1	4	3	15	1	5	10	..	3	24	...	2
F.	871	3	4	7	207	505	3	1	..	..	...	62	16	21	1	...	2	1	2	...	...	...	...	4	...	1	2	...	3	...	7	...	3	...	...	2	14	...	...

*Including the Ukraine.

Table 33—Deaths (exclusive of Stillbirths) Classified according to Birthplace of Decedents for the Province of Ontario and for Cities, Towns and Villages of 10,000 Population and Over, 1941—Continued

Province, Cities, Towns and Villages	Total Deaths by Sex	BIRTHPLACE OF DECEDENTS																																						
		Canada										British Isles					British Possessions		Europe															Asia					
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other	Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia*	Sweden	Other	China	Japan	Other	United States	Various	Not specified
Owen Sound.....Total	203	..	...	...	2	166	...	..	..	..	...	17	5	4	...	...	3	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	..	1	3	...	...
M.	108	..	...	...	1	93	...	..	..	..	...	8	1	2	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	..	..	1	...	...
F.	95	..	...	...	1	73	...	..	..	..	...	9	4	2	...	...	2	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	..	1	2	...	...
Pembroke.....Total	180	..	...	1	21	139	...	..	..	..	...	2	3	1	...	...	...	...	...	...	...	...	...	11	...	...	...	...	...	...	1	...	...	...	..	..	1	...	...
M.	87	..	...	1	12	63	...	..	..	..	...	...	3	1	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...	1	...	...	...	..	..	...	...	...
F.	93	..	...	...	9	76	...	..	..	..	...	2	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	..	..	1	...	...
Peterborough.....Total	369	1	2	1	7	284	1	1	1	..	...	39	8	7	1	...	...	1	...	...	...	...	1	...	...	...	1	...	2	1	...	2	...	...	..	..	8	...	...
M.	207	1	2	1	6	164	...	..	..	..	...	18	4	3	1	...	...	...	...	...	...	...	1	...	...	...	1	...	1	1	...	2	...	...	..	..	1	...	...
F.	162	..	...	...	1	120	1	1	1	..	...	21	4	4	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	..	..	7	...	...
Port Arthur.....Total	290	2	...	1	14	134	3	..	..	..	1	27	5	16	...	1	...	...	...	1	...	43	...	1	1	1	3	4	8	...	6	8	1	...	..	..	9	...	...
M.	199	2	...	1	9	88	2	..	..	..	1	20	4	11	...	1	...	...	...	1	...	26	...	1	...	1	1	3	7	...	6	6	1	...	..	..	7	...	...
F.	91	..	...	...	5	46	1	..	..	..	...	7	1	5	...	...	...	...	...	...	...	17	...	...	1	...	2	1	1	...	...	2	...	...	..	..	2	...	...
St. Catharines . .Total	349	1	...	1	9	213	1	1	1	..	...	46	13	13	4	...	...	...	4	...	...	1	...	1	1	1	5	...	9	1	1	...	4	...	..	2	15	...	1
M.	204	1	...	...	4	126	1	1	1	..	...	26	7	8	3	...	...	...	4	...	...	1	...	1	...	1	3	...	5	1	...	...	3	...	..	2	5	...	...
F.	145	..	...	1	5	87	...	..	..	..	...	20	6	5	1	...	...	...	...	...	...	...	...	...	1	...	2	...	4	...	1	...	1	...	..	..	10	...	1
St. Thomas... ...Total	286	..	3	...	2	222	...	..	..	..	...	35	...	11	...	1	...	...	...	...	...	1	...	1	...	...	...	...	1	...	...	...	...	...	..	..	8	...	1
M.	152	..	2	...	...	121	...	..	..	..	...	18	...	6	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	..	..	2	...	1
F.	134	..	1	...	2	101	...	..	..	..	...	17	...	5	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	..	..	6	...	...
Sarnia.....Total	228	1	1	...	3	179	...	1	..	..	...	29	1	3	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	1	...	..	..	7	...	...
M.	115	.	1	...	2	88	...	..	..	..	...	17	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	..	..	3	...	...
F.	113	1	...	...	1	91	...	1	..	..	...	12	1	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	4	...	...

Sault Ste. Marie... Total	279	..	...	1	12	167	1	2	..	..	...	22	2	11	...	...	...	...	4	...	...	10	...	2	...	...	17	...	5	2	6	3	1	...	...	...	7	...	4
M.	160	..	...	1	4	97	...	1	..	..	...	9	1	6	...	...	...	...	4	...	...	5	...	...	...	...	10	...	3	2	5	2	1	...	...	...	5	...	4
F.	119	..	...	...	8	70	1	1	..	..	...	13	1	5	...	...	...	...	...	...	...	5	...	2	...	...	7	...	2	...	1	1	...	...	...	...	2	...	...
Stratford..... Total	228	..	...	1	3	177	...	..	..	..	...	25	9	5	1	...	...	...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	4	...	...
M.	126	..	...	1	2	91	...	..	..	..	...	19	6	1	1	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	3	...	...
F.	102	..	...	...	1	86	...	..	..	..	...	6	3	4	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Sudbury..... Total	289	..	...	...	38	176	3	2	..	..	...	11	2	6	...	...	...	...	2	1	1	13	1	...	...	...	7	...	6	...	6	...	3	2	..	1	...	...	8
M.	185	..	...	...	26	107	1	2	..	..	...	5	2	3	...	...	...	...	1	1	1	8	1	...	...	...	5	...	4	...	5	...	2	2	..	1	...	...	8
F.	104	..	...	...	12	69	2	..	..	..	...	6	...	3	...	...	...	...	1	...	...	5	...	...	...	...	2	...	2	...	1	...	1	...	...	...	...	...	...
Timmins..... Total	189	..	6	1	41	87	1	..	..	..	...	15	1	6	1	...	...	1	4	1	...	5	...	1	...	...	5	2	1	1	...	1	5	...	...	...	1	...	2
M.	119	..	2	...	29	53	1	..	..	..	...	7	1	5	...	...	...	1	4	...	...	4	...	...	...	...	3	1	...	...	...	1	4	...	...	...	1	...	2
F.	70	..	4	1	12	34	...	..	..	..	...	8	...	1	1	...	...	...	...	1	...	1	...	1	...	...	2	1	1	1	...	...	1	...	...	...	...	...	...
Toronto..... Total	7687	8	44	31	143	4018	20	14	2	3	42	1474	343	520	28	13	39	36	40	3	5	20	7	18	10	10	70	7	204	24	164	5	49	43	..	5	181	...	44
M.	4102	3	21	17	74	2046	8	8	1	2	25	835	174	263	16	7	25	19	25	3	5	12	3	11	4	8	45	5	125	14	87	5	34	42	..	3	93	...	34
F.	3585	5	23	14	69	1972	12	6	1	1	17	639	169	257	12	6	14	17	15	...	...	8	4	7	6	2	25	2	79	10	77	...	15	1	..	2	88	...	10
Welland..... Total	187	..	...	3	8	105	2	2	..	..	...	23	4	6	2	...	...	...	...	...	...	...	1	...	...	8	4	...	3	1	2	1	3	1	..	..	8	...	...
M.	110	..	...	2	6	57	2	1	..	..	...	12	3	2	1	...	...	...	...	...	...	...	1	...	...	7	4	...	1	1	2	...	2	1	..	..	5	...	...
F.	77	..	...	1	2	48	...	1	..	..	...	11	1	4	1	...	...	...	...	...	...	...	...	...	...	1	...	...	2	...	...	1	1	...	...	...	3	...	...
Windsor..... Total	1,038	1	4	2	41	621	4	4	..	..	...	113	12	46	3	...	2	2	8	5	3	...	2	2	2	11	9	1	35	13	11	...	11	6	..	4	58	...	2
M.	587	1	2	...	23	337	2	1	..	..	...	66	7	24	1	...	1	...	7	2	3	...	2	...	1	8	7	1	26	8	7	...	8	6	..	3	32	...	1
F.	451	..	2	2	18	284	2	3	..	..	..	47	5	22	2	...	1	2	1	3	...	...	...	2	1	3	2	...	9	5	4	...	3	...	..	1	26	...	1
Woodstock..... Total	221	..	...	1	....	164	...	1	..	..	...	31	1	12	1	...	1	1	...	...	...	...	...	...	...	1	1	...	2	...	1	...	...	...	...	...	3	...	...
M.	118	..	...	...	....	87	...	1	..	..	...	16	1	6	...	...	1	1	...	...	...	...	...	...	...	...	1	...	2	...	1	...	...	...	...	...	1	...	...
F.	103	..	...	1	....	77	...	..	..	..	...	15	...	6	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	2	...	...

*Including the Ukraine.

Table 34—Deaths (exclusive of Stillbirths) Classified according to Birthplaces of Parents of Decedents in the Province of Ontario, 1941

Birthplace of Father	Total Fathers	Birthplace of Mother: Canada										British Isles					British Possessions		Europe														Asia			United States	Various	Not specified
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other	Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia*	Sweden	Other	China	Japan	Other			
Canada	16,449	22	133	91	1777	11435	50	51	9	7	884	492	459	294	11	2	10	8	1	1	2	3	14	38	3	...	2	1	8	...	3	4	6	...	..	1	337	1	28
Prince Edward Island	29	16	...	...	1	7	..	1	..	..	....	1	1	....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Nova Scotia	176	1	110	1	2	32	..	1	..	..	2	5	3	8	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	7
New Brunswick	123	1	1	68	4	29	..	..	..	..	1	3	3	1	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	7
Quebec	2,065	..	2	3	1508	381	..	2	..	..	9	24	36	17	..	..	..	2	..	..	..	..	4	3	1	..	..	..	..	..	..	..	3	..	..	..	21	..	49
Ontario	12,902	3	17	18	254	10866	25	31	5	5	86	425	365	244	7	2	7	6	1	1	1	3	8	34	2	..	2	1	8	..	3	4	2	..	..	1	282	1	182
Manitoba	64	..	..	1	..	26	21	2	2	..	..	5	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	3	..	1
Saskatchewan	40	..	..	..	3	14	3	12	..	..	1	..	2	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	1
Alberta	13	..	1	..	..	5	1	2	2	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
British Columbia	6	..	..	..	..	2	..	..	..	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Province not specified	1,031	1	2	..	5	73	..	..	..	..	785	27	49	23	3	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	20	..	41
British Isles	16,945	7	36	20	157	2436	6	2	2	5	374	6617	3511	3096	133	27	15	23	..	..	..	1	14	18	10	..	..	..	1	..	2	..	3	1	..	..	191	2	235
England	8,284	3	14	7	61	986	3	..	1	3	167	6250	297	204	31	5	10	12	..	..	..	..	6	13	5	..	..	..	1	..	1	..	2	1	..	..	89	2	110
Ireland	4,572	2	7	6	57	847	1	..	1	1	117	168	3028	168	7	2	3	7	..	..	..	..	3	3	3	..	..	..	..	..	1	..	1	..	..	..	64	..	75
Scotland	3,881	2	13	6	36	577	2	1	..	1	85	163	178	2716	6	..	2	4	..	..	..	1	4	2	2	..	..	..	..	..	..	..	..	..	..	..	35	..	45
Wales	177	..	2	1	3	23	..	1	..	..	4	32	7	6	89	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	4
Other	31	..	..	..	..	3	..	..	..	..	1	4	1	2	..	19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
British Possessions	158	..	1	..	2	20	..	..	1	..	2	9	3	4	..	..	71	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	9
Newfoundland	92	..	..	..	1	10	..	..	..	..	1	1	1	1	..	..	70	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7
Other	66	..	1	..	1	10	..	..	1	..	1	8	2	3	..	..	1	35	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2
Europe	3,391	1	1	1	14	223	7	7	2	..	23	25	22	8	..	..	..	3	154	52	31	241	55	664	44	99	277	47	502	84	404	76	229	..	..	..	36	..	59
Austria	166	..	..	..	..	3	1	1	..	..	..	2	..	..	..	..	..	1	143	..	1	..	..	..	..	1	..	..	3	1	1	..	4	..	..	..	1	..	3
Belgium	55	..	..	..	..	2	..	..	..	..	..	2	1	..	..	..	..	..	..	50	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Denmark	35	..	..	..	..	2	..	..	..	..	..	..	..	1	..	..	..	..	..	..	29	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..
Finland	252	..	..	..	..	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	237	..	..	..	..	..	..	..	..	..	1	..	..	..	..	2	..	3
France	115	..	..	..	7	24	..	..	..	..	3	3	3	7	..	..	..	..	..	2	..	..	44	12	..	..	..	..	..	..	..	..	1	..	..	..	4	..	8
Germany	841	..	1	..	1	115	..	1	..	..	15	8	10	2	..	..	..	2	..	..	1	..	11	638	2	..	..	..	1	..	..	..	1	..	..	..	14	..	18
Holland	65	1	..	..	..	8	..	..	..	..	1	1	2	2	..	..	..	..	..	..	..	1	..	1	42	..	1	..	..	..	..	..	..	..	..	..	3	..	2
Hungary	100	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	2	..	..	..	..	..	..	96	..	..	..	..	..	..	..	..	..	..	..	..	..
Italy	299	..	..	..	2	15	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	1	..	..	275	..	..	..	..	..	..	..	..	..	4	..	..
Norway	54	..	..	..	..	2	..	..	..	..	2	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	44	..	..	..	..	..	..	..	..	2	..	2
Poland	537	..	..	..	1	17	2	2	1	..	..	1	..	..	..	..	..	..	3	..	..	..	..	..	..	1	..	..	490	1	6	..	2	..	..	..	1	..	9
Roumania	93	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	80	2	..	1	..	..	..	1	..	6
Russia*	429	..	..	..	1	4	2	3	1	..	..	2	..	..	..	..	..	..	6	..	..	..	..	3	..	..	..	..	5	2	394	..	1	..	..	..	..	..	5

Sweden	93	..	...	...	...	8	1	..	..	...	...	...	...	...	..	...	...	...	...	...	3	...	1	...	...	...	3	...	...	...	74	...	...	..	..	2	..	1
Other	257	..	...	1	2	11	1	..	..	..	1	3	2	2	...	..	...	...	...	...	...	...	7	...	1	...	...	2	...	1	1	219	...	..	..	1	..	2
Asia	154	..	...	...	1	4	1	1	..	2	1	1	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	102	1	38	1	..	1
China	108	..	...	...	...	2	1	..	..	2	1	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	102	..	..	...	..	...
Japan	2	..	...	...	...	1	..	..	..	..	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	..	...
Other	44	..	...	...	1	1	..	1	..	..	...	1	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	38	1	..	1
United States	985	1	4	2	21	312	3	4	3	..	32	54	47	19	...	..	...	...	...	...	1	3	8	...	...	...	...	1	...	...	...	...	...	..	1	423	..	46
Various	3	..	...	...	...	1	..	..	..	..	...	1	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	...	..	1
Not specified	1,141	1	1	1	14	229	4	2	1	1	7	11	9	12	...	..	...	...	...	...	...	1	...	...	...	...	1	1	...	1	...	1	...	..	..	5	..	838
Total Mothers	39,226	32	176	115	1986	14660	71	67	18	15	1323	7210	4051	3433	144	29	96	69	155	53	33	246	87	728	57	99	279	49	513	84	410	80	239	103	1	40	994	3	1478

*Including the Ukraine.

TABLE 35—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1941

CAUSES OF DEATH	Sex	Total	AGES—YEARS Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
Deaths—All Causes—Total	...	**39226**	**3294**	**245**	**161**	**120**	**80**	**342**	**311**	**455**	**600**	**617**	**632**	**848**	**1074**	**1477**	**2076**	**2631**	**3299**	**3977**	**4558**	**4874**	**4128**	**2363**	**849**	**172**	**34**	**9**	
	M	**21549**	**1910**	**116**	**105**	**63**	**45**	**202**	**192**	**290**	**379**	**359**	**351**	**482**	**614**	**844**	**1275**	**1561**	**1963**	**2217**	**2465**	**2534**	**2006**	**1130**	**363**	**61**	**16**	**6**	
	F	**17677**	**1384**	**129**	**56**	**57**	**35**	**140**	**119**	**165**	**221**	**258**	**281**	**366**	**460**	**633**	**801**	**1070**	**1336**	**1760**	**2093**	**2340**	**2122**	**1233**	**486**	**111**	**18**	**3**	
Class I—Infectious and Parasitic Diseases																													
Total	...	2319	273	55	31	23	15	56	67	99	116	128	114	121	131	142	145	151	152	136	115	90	76	59	20	3	1	....	
	M	1346	157	22	20	13	8	27	25	54	50	59	57	76	86	93	113	107	108	91	71	45	37	19	5	2	1	....	
	F	973	116	33	11	10	7	29	42	45	66	69	57	45	45	49	32	44	44	45	44	45	39	40	15	1	....	....	
1. Typhoid fever	M	13	....	....	....	....	....	....	1	2	3	....	2	3	....	....	1	....	....	....	....	1	....	....	....	....	....	....	1
	F	5	....	....	....	....	1	....	1	....	....	....	....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	
2. Paratyphoid fever	M	3	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	2
	F	2	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
5. Undulant fever	M	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5
	F	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
6. Cerebrospinal meningitis	M	44	8	3	2	....	....	2	....	6	3	6	....	....	1	....	5	2	....	2	4	....	....	....	....	....	....	....	6
	F	16	1	1	....	....	....	4	....	2	....	1	....	....	....	3	2	....	1	1	....	....	....	....	....	....	....	....	
8. Scarlet fever	M	23	....	1	1	3	1	3	2	6	2	2	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	8
	F	15	....	3	....	2	....	4	2	2	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	
9. Whooping-cough	M	53	45	3	2	....	1	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	9
	F	47	36	8	1	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	
10. Diphtheria	M	7	1	....	....	3	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	10
	F	7	....	....	1	1	....	3	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11. Erysipelas	M	8	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	2	1	1	....	1	....	11
	F	7	1	....	....	....	....	....	1	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	2	....	....	....	
12. Tetanus	M	4	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	12
	F	3	....	....	2	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
13–22. Tuberculosis	M	642	9	3	5	2	4	8	11	30	32	42	43	51	66	62	65	56	52	51	25	16	8	1	....	....	....	....	13–22
	F	458	7	10	1	1	6	7	30	34	55	60	45	33	34	28	15	22	21	15	15	13	6	....	....	....	....	....	
13. Tuberculosis of the respiratory system	M	574	3	....	1	2	1	4	7	22	29	39	41	48	64	56	63	50	49	49	23	16	7	....	....	....	....	....	13
	F	394	2	5	....	....	....	5	23	30	51	57	38	33	29	27	14	17	19	11	15	12	6	....	....	....	....	....	
13A. With mention of occupational diseases of lungs	M	32	....	....	....	....	....	....	....	....	....	1	....	3	6	3	6	2	5	3	2	1	....	....	....	....	....	....	13A
13B. Without mention of occupational diseases of lungs	M	517	3	....	1	2	1	4	7	22	29	36	39	40	53	51	55	47	42	44	19	15	7	....	....	....	....	....	13B
	F	379	2	5	....	....	....	5	22	29	51	56	37	32	28	24	12	15	19	10	15	12	5	....	....	....	....	....	
13C. Unspecified site	M	7	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	1	2	1	1	....	....	....	....	....	....	....	13C
	F	4	....	....	....	....	....	....	1	1	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	

13D. With mention of dementia praecox	M	18											2	2	4	4	2	2			1	1									13D
	F	11											1	1	1	1	3	1	2		1										
14. Tuberculosis of the meninges and central nervous system	M	26	4	3	4		2	2	3	1	2	1	1	1	1	1															14
	F	30	4	3			6	1	6	3	1	2	2					1		1											
15. Tuberculosis of the intestines and peritoneum	M	7	1					1		1							1		2	1											15
	F	10		1						1	3		2		2						1										
16. Tuberculosis of the vertebral column	M	7											2	1	1		1					1		1							16
	F	3												1		1			1												
17. Tuberculosis of other bones and joints	M	2																	1						1						17
	F	2																	1				1								
17B. Joints	M	2																	1						1						17B
	F	2																	1				1								
19. Tuberculosis of the lymphatic system (bronchial, mesenteric, mediastinal and retroperitoneal glands excepted)	M	3					1										1	1													19
	F	6		1		1													2	1	1										
20. Tuberculosis of the genito-urinary system	M	9								2					1		2	1		1	1	1									20
	F	4														1			1		2										
21. Tuberculosis of other organs	F	1															1														21
22. Disseminated tuberculosis	M	14	1					1	1	4	1					1			3	1	1										22
	F	8	1		1			1	1			1	2			1															
22A. Acute generalized miliary	M	11	1							3	1					1			3	1	1										22A
	F	6	1		1			1				1	1			1															
22B. Other and unspecified generalized	M	3						1	1	1																					22B
	F	2							1				1																		
24. Purulent infection and septicaemia	M	13	1	1	2			1	1		1	3		2	1																24
	F	9			1						1	2		1					1	1	1		1								
25. Gonococcus infection	M	2	1											1																	25
	F	2	2																												
27. Dysentery	M	17	7	1	1		1	1	1	1			1		1						1	1									27
	F	20	7	1	1	2											1	1	1		1	1	1	1	2						
30. Syphilis	M	205	9					1		3		2	4	12	13	16	27	30	35	24	19	7	2	1							30
	F	66	10			1				2	1	2	3	3	2	9	4	5	7	5	8	2	1	1							
31A. Locomotor ataxia (tabes dorsalis)	M	11													1	1	1	1	3	2	1		1								31A
	F	4															1			1	1	1									
31B. General paralysis of the insane	M	43								1			2	4	5	5	4	9	6	3	1	1	1	1							31B
	F	11												1	1	4	2	1	2												
31C. Other syphilis of the central nervous system	M	17											1	3	1	1	2	2	3	1	2	1									31C
	F	6									1			1			1	1	2												
31D. Others under this title	M	134	9					1		2		2	1	5	6	9	20	18	23	18	15	5									31D
	F	45	10			1				2		2	3	1	1	5		3	3	4	7	1	1	1							
32. Other diseases due to spirochaetes	M	1														1															32
33. Influenza	M	227	63	4	6	3		3	2	3	4	3	4	1	2	8	9	8	12	10	19	15	25	16	5	1	1				33
	F	238	42	8	4	2		4	3	2	3	2	3	2	3	4	8	4	12	15	15	20	31	35	15	1					
33A. With respiratory complications	M	143	35	2	2	1		2	1	1	3	2	2		1	5	9	4	11	8	11	12	16	13	1		1				33A
	F	154	22	6	2			3	2	1	1	2	3	2		4	8	2	10	7	12	16	21	18	11	1					

TABLE 35—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1941—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
33B. Without respiratory complications	M	84	28	2	4	2	....	1	1	2	1	1	2	1	1	3	....	4	1	2	8	3	9	3	4	1	....	....	33B
	F	84	20	2	2	2	....	1	1	1	2	....	....	....	3	....	....	2	2	8	3	4	10	17	4	....	....	....	
35. Measles	M	21	8	5	1	1	....	2	1	....	....	....	....	1	....	....	....	1	1	....	....	....	....	....	....	....	....	....	35
	F	22	8	1	....	1	....	4	2	....	1	....	1	1	2	....	....	....	....	....	....	1	....	....	....	....	....	....	
36. Acute poliomyelitis and polioencephalitis	M	5	....	....	....	1	....	....	1	1	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	36
	F	5	....	....	....	....	....	1	1	....	....	1	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	
37. Acute infectious encephalitis	M	11	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	3	4	1	1	....	....	....	....	....	....	....	37
	F	14	....	....	....	....	....	....	....	1	2	....	2	1	1	1	1	2	....	2	....	1	....	....	....	....	....	....	
38. Other diseases due to filterable viruses	M	3	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	38
	F	4	2	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	
38B. German measles	M	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	38B
	F	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
38C. Chicken-pox	M	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	38C
	F	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
38D. Others under this title	M	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	38D
	F	2	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	
43. Mycoses	M	5	1	....	....	....	....	....	....	....	....	....	....	1	....	....	1	2	....	....	....	....	....	....	....	....	....	....	43
	F	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
44. Other infectious and parasitic diseases	M	38	1	....	....	....	1	1	3	1	2	....	3	4	2	4	4	3	3	1	1	3	1	....	....	....	....	....	44
	F	31	....	....	....	....	....	1	....	1	1	1	1	2	2	1	....	7	1	5	4	4	....	....	....	....	....	....	
44B. Lymphogranulomatosis (Hodgkin's disease)	M	36	1	....	....	....	1	1	3	1	2	....	3	4	2	4	4	3	3	1	1	2	....	....	....	....	....	....	44B
	F	26	....	....	....	....	....	....	....	1	1	1	1	2	1	1	....	6	....	5	4	3	....	....	....	....	....	....	
44C. Mumps	M	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	44C
	F	5	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	1	1	....	....	1	....	....	....	....	....	....	
CLASS II.—CANCER AND OTHER TUMOURS																													
Total	...	5078	2	4	4	4	4	13	6	24	17	25	63	122	210	299	421	555	622	709	697	635	428	178	34	2	....	....	
	M	2426	2	3	3	2	2	9	4	12	9	10	29	48	76	107	176	245	315	343	383	316	225	92	14	1	....	....	
	F	2652	....	1	1	2	2	4	2	12	8	15	34	74	134	192	245	310	307	366	314	319	203	86	20	1	....	....	
45-55. Cancer and other malignant tumours	M	2367	2	2	3	1	2	8	3	9	9	9	23	41	71	103	167	242	311	340	379	312	223	92	14	1	....	....	45-55
	F	2564	....	1	1	2	2	2	1	10	6	13	31	65	125	179	235	301	302	359	309	319	197	84	19	1	....	....	
45. Cancer of the buccal cavity and pharynx	M	139	....	....	....	....	....	....	....	1	....	....	1	....	4	2	4	13	18	29	22	8	24	12	1	....	....	....	45
	F	27	....	....	....	....	....	....	....	....	....	....	....	....	....	3	3	3	....	7	4	3	4	....	....	....	....	....	

46. Cancer of the digestive organs and peritoneum	M	1304						1		1	3	3	11	20	39	53	87	120	171	200	246	186	119	42	1	1				46
	F	1126						1		1	1	4	4	13	35	52	72	119	121	174	180	182	117	40	10					
46A. Oesophagus	M	65												1	3	3	2	5	7	5	21	7	7	3		1				46A
	F	38												2	1		5	9	4	3	6	4	3	1						
46B. Stomach	M	539						1				2	4	9	15	19	36	56	67	81	106	72	52	18	1					46B
	F	326									1	2		2	6	10	22	32	31	51	52	59	37	17	4					
46C. Duodenum	M	4													1				2	1										46C
	F	9														1				2	1	1	3		1					
46D. Rectum and anus	M	167											1	4	3	6	12	14	27	31	28	28	7	6						64D
	F	115										1	1		4	7	7	13	18	19	16	18	8	3						
46E. Intestines	M	323									3	1	6	4	11	14	20	27	42	42	55	49	39	10						46E
	F	365								1		1	3	7	12	21	21	38	37	49	53	63	39	16	4					
46F. Liver and biliary passages	M	98								1					4	7	5	10	8	22	17	16	3	5						46F
	F	171												1	6	7	9	14	21	33	30	29	20	1						
46G. Pancreas	M	94												1	2	2	10	8	18	15	17	13	8							46G
	F	82													2	4	7	11	8	15	19	6	7	2	1					
46H. Mesentery and peritoneum	M	9												1		2	2			2		1	1							46H
	F	16						1						1	3	1	1	2	2	2	3									
46M. Other and unspecified sites	M	5																		1	2		2							46M
	F	4													1	1						2								
47. Cancer of the respiratory system	M	211	1							1				8	11	18	33	44	37	20	13	14	9	2						47
	F	65										3	1	3	3	6	4	7	14	8	5	6	2	3						
47A. Larynx	M	32														3	3	4	5	6	1	6	4							47A
	F	10										1		1			1	1	4	1		1								
47B. Lung	M	125	1							1				6	7	9	19	27	23	9	11	5	5	2						47B
	F	44										1	1	1	3	5	3	4	10	5	5	3	1	2						
47C. Mediastinum and other sites	M	54												2	4	6	11	13	9	5	1	3								47C
	F	11										1		1		1		2		2		2	1	1						
48. Cancer of the uterus	F	362									1	4	10	14	30	43	37	50	41	48	34	30	12	7	1					48
48A. Cervix	F	163									1	3	10	12	18	20	20	22	24	19	9	2	2	1						48A
48B. Other and unspecified sites	F	199										1		2	12	23	17	28	17	29	25	28	10	6	1					48B
49. Cancer of other female organs	F	174								2	2	1	6	8	12	16	25	23	17	18	16	16	8	3	1					49
50. Cancer of the breast	M	6													1	1			2		1	1								50
	F	536											7	17	36	42	72	76	73	66	49	50	29	15	4					
51. Cancer of the male genital organs	M	276						1		1	1	2	2	4	2	4	8	12	32	41	56	47	38	19	6					51
52. Cancer of the urinary organs	M	170		1	1	1	1	2						1	4	8	12	14	19	23	28	35	12	6	2					52
	F	77					1				1				1	4	5	6	9	14	7	15	9	3	1	1				52
52A. Kidney	M	38		1	1	1	1	2							3	4	3	3	3	8	4	4								52A
	F	16					1				1				1	1	1	1	1	1	2	3	1		1	1				
52B. Bladder	M	132												1	1	4	9	11	16	15	24	31	12	6	2					52B
	F	61														3	4	5	8	13	5	12	8	3						
53. Cancer of the skin	M	62											1	2		2	1	5	8	10	5	7	12	5	4					53
	F	31												1		1		2	1	3	3	3	5	10	2					
54. Cancer of the brain	M	49	1					2	1	2	1	1	6	2	4	4	6	8	6	3	1			1						54
	F	32		1	1		1	1		3	1		2	2	2	5	3	7	2	1										
55. Cancer of other and unspecified organs	M	150		1	2		1	2	2	3	4	3	2	4	6	11	16	26	18	14	7	14	9	5						55
	F	134				2			1	4		1	1	7	6	7	14	8	24	20	11	14	11	3						
56. Non-malignant tumours	M	38		1		1		1		2		1	3	6	3	3	2	2	4	2	3	3	1							56
	F	71						1	1	2	2	2	2	8	8	12	9	7	3	6	3		3	2						
56. Ovary	F	21									1	2	1	5	2	3	1	1		1	1		2	1						56A
56B. Uterus	F	25												2	5	7	5	1	2	2			1							56B
56C. Other female genital organs	F	1														1														56C
56D. Brain and other parts of the central nervous system	M	22				1				2			1	4	3	1	2	1	3		1	2	1							56D
	F	13						1	1	1			1			1	2	3	1	1	1									

TABLE 35—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1941—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
56E. Other and unspecified organs	M	16	...	1	...	...	...	1	...	...	...	1	2	2	...	2	...	1	1	2	2	1	...	...	...	...	...	...	56E
	F	11	...	...	...	...	...	...	...	1	1	...	...	1	1	...	1	2	...	2	1	...	...	1	...	...	...	...	
57. Tumours of undertermined nanature	M	21	...	...	...	...	...	...	1	1	...	...	3	1	2	1	7	1	...	1	1	1	1	...	...	...	...	...	57
	F	17	...	...	...	...	...	1	...	...	...	...	1	1	1	1	1	2	2	1	2	...	3	...	1	...	...	...	
57D. Brain and other parts of the central nervous system	M	15	...	...	...	...	...	...	1	1	...	...	3	1	2	1	5	1	...	...	...	...	...	...	...	...	...	...	57D
	F	10	...	...	...	...	...	1	...	...	...	...	1	1	1	1	1	1	1	1	1	...	...	...	...	...	...	...	
57E. Other and unspecified organs	M	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	1	1	1	1	...	...	...	...	...	57E
	F	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	...	3	...	1	...	...	...	
CLASS III.—RHEUMATISM, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS, OTHER GENERAL AND VITAMIN DEFICIENCY DISEASES																													
Total	...	1336	53	3	...	1	3	12	23	18	18	16	23	36	31	39	85	111	174	214	196	154	89	29	7	...	...	1	
	M	528	30	2	...	...	3	6	16	6	9	8	12	20	12	15	37	38	64	77	61	66	34	11	1	...	...	...	
	F	808	23	1	...	1	...	6	7	12	9	8	11	16	19	24	48	73	110	137	135	88	55	18	6	...	...	1	
58. Acute rheumatic fever	M	56	...	...	...	...	2	5	11	2	4	2	5	8	5	...	2	2	3	1	1	3	...	...	...	...	...	...	58
	F	43	1	...	...	...	...	5	7	4	4	4	4	4	3	...	2	2	2	...	...	...	1	...	...	...	...	...	
58A. Acute rheumatic heart conditions	M	51	...	...	...	...	2	5	10	1	4	2	5	8	5	...	2	2	2	1	...	2	...	...	...	...	...	...	58A
	F	35	1	...	...	...	...	4	7	4	4	4	3	2	3	...	2	1	...	...	...	...	...	...	...	...	...	...	
58B. Others under this title	M	5	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	1	...	1	1	...	...	...	...	...	...	58B
	F	8	...	...	...	...	...	1	...	...	...	...	1	2	...	...	...	1	2	...	...	...	1	...	...	...	...	...	
59. Chronic rheumatism and other rheumatic diseases	M	18	...	...	...	...	...	...	...	1	...	1	1	...	...	...	2	...	1	3	2	5	1	1	...	...	...	...	
	F	41	...	...	...	...	...	...	...	...	...	...	...	...	2	1	...	2	1	7	6	8	7	6	1	...	...	...	60
60. Gout	M	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	61
61. Diabetes mellitus	M	361	...	...	...	...	...	...	4	2	1	2	4	5	2	10	22	33	55	65	56	56	33	10	1	...	...	...	61
	F	511	...	...	...	...	...	1	...	4	2	2	1	4	5	13	28	49	79	107	96	64	41	9	5	...	...	1	61
62. Diseases of the pituitary gland	M	2	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	62
	F	3	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	
63. Diseases of the thyroid and parathyroid glands	M	45	...	...	...	...	...	...	...	...	1	3	2	3	4	4	11	3	4	7	1	2	...	...	...	...	...	...	63
	F	171	1	...	...	...	...	...	...	2	3	2	3	6	8	10	17	17	25	23	31	16	5	2	...	...	...	...	
63A. Simple goitre	M	2	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	63A
	F	7	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	2	1	2	1	...	...	...	...	...	...	...	
63B. Exophthalmic goitre	M	40	...	...	...	...	...	...	...	...	1	1	2	3	4	4	10	3	4	5	1	2	...	...	...	...	...	...	63B
	F	146	...	...	...	...	...	...	...	2	3	1	1	6	7	8	15	14	24	19	25	15	4	2	...	...	...	...	
63C. Myxoedema and cretinism	M	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	63C
	F	14	1	...	...	...	...	...	...	...	...	1	1	...	...	1	1	1	...	1	5	1	1	...	...	...	...	...	

63D. Others under this title	M	2										1								1										63D
	F	4													1	1	1			1										
64. Diseases of the thymus gland	M	30	29				1																							64
	F	21	21																											
65. Diseases of the adrenal glands (Addison's disease)	M	8		1							2			2		1			1		1									65
	F	5											1	1			1		2											
66. Other general diseases	M	1									1																			66
	F	9		1		1				1								2	1		1		1	1						
66A. Osteomalacia	M	1									1																			66A
	F	2																1	1											
66B. Others under this title	F	7		1		1				1								1			1		1	1						66B
67. Scurvy	F	1													1															67
68. Beriberi	M	2												1						1										68
69. Pellagra	F	1																			1									69
70. Rickets	M	2	1						1																					70
71. Other vitamin deficiency diseases	M	2		1				1																						71
	F	2											1	1																
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS																														
Total	...	365	5	5	6	2	2	15	7	9	9	4	15	7	7	21	25	27	36	42	42	38	25	13	3					
	M	185	4	1	5		1	5	5	6	4	2	8	4	4	9	14	16	15	21	22	26	10	2	1					
	F	180	1	4	1	2	1	10	2	3	5	2	7	3	3	12	11	11	21	21	20	12	15	11	2					
72. Haemorrhagic conditions	M	9	2	1	1			1	2	1											1									72
	F	8	1						1				1			2	1	1					1							
72A. Primary purpura	M	6	2	1					1	1											1									72A
	F	7							1				1			2	1	1					1							
72B. Haemophilia	M	3			1			1	1																					72B
	F	1	1																											
73. Anaemias	M	74											2		1	3		4	8	12	13	20	8	2	1					73
	F	89		1						2	1	1	1		1	3	4	4	12	11	14	11	12	9	2					
73A. Pernicious anaemia	M	59											1			1		2	6	11	10	18	8	2						73A
	F	60											1			1	4	3	11	8	9	9	8	6						
73B. Others under this title	M	15											1		1	2		2	2	1	3	2			1					73B
	F	29		1						2	1	1			1	2		1	1	3	5	2	4	3	2					
74. Leukaemias and aleukaemias	M	96	2		4		1	4	3	5	3	2	5	3	3	6	13	11	7	8	8	6	2							74
	F	72		3	1	2		9	1	1	3	1	5	3	2	6	5	4	9	6	6	1	2	2						
74A. Leukaemias	M	88	2		4		1	4	1	4	3	2	5	2	3	6	13	10	6	7	7	6	2							74A
	F	69		3	1	2		7	1	1	3	1	5	3	2	6	5	4	8	6	6	1	2	2						
74B. Aleukaemias (Hodgkin's disease excepted)	M	8							2	1				1				1	1	1	1									74B
	F	3						2												1										
75. Diseases of the spleen	M	6									1		1	1			1	1		1										75
	F	7						1								1	1	1		3										
76. Other diseases of the blood and blood-forming organs	F	4					1				1							1		1										76

TABLE 35—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1941—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 over	Not stated	
CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS																													
Total	...	36	....	....	....	1	....	....	....	....	1	1	1	3	5	5	6	5	1	3	3	1	....	....	....	....	....	....	
	M	29	....	....	....	....	....	....	....	....	1	....	1	1	5	3	5	5	1	3	3	1	....	....	....	....	....	....	
	F	7	....	....	....	1	....	....	....	....	....	1	....	2	....	2	1	....	....	....	....	....	....	....	....	....	....	....	
77. Alcoholism	M	23	....	....	....	....	....	....	....	....	1	....	1	1	4	1	4	4	1	2	3	1	....	....	....	....	....	....	77
	F	4	....	....	....	....	....	....	....	....	....	....	....	1	....	2	1	....	....	....	....	....	....	....	....	....	....	....	
77A. Acute alcoholism	M	9	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1	3	1	....	1	....	....	....	....	....	....	....	77A
	F	4	....	....	....	....	....	....	....	....	....	....	....	1	....	2	1	....	....	....	....	....	....	....	....	....	....	....	
77B. Chronic alcoholism	M	3	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	77B
77C. Others under this title	M	11	....	....	....	....	....	....	....	....	....	....	1	....	2	1	2	1	....	1	2	1	....	....	....	....	....	....	77C
78. Lead poisoning	M	2	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	78
	F	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
78A. Occupational	M	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	78A
78B. Non-occupational	M	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	78B
	F	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
79. Chronic poisoning by other mineral and organic substances	M	4	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	1	....	....	....	....	....	....	....	....	79
	F	2	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
79A. Occupational	M	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	79A
79B. Non-occupational	M	3	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	....	....	....	....	....	....	....	....	....	
	F	2	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	79B
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS																													
Total	...	4538	60	17	9	10	6	18	16	27	37	21	40	47	66	113	195	295	423	547	710	786	633	335	104	20	3	....	
	M	2129	33	7	5	7	1	13	9	16	25	13	23	23	30	50	88	134	232	271	339	355	267	139	44	4	1	....	
	F	2409	27	10	4	3	5	5	7	11	12	8	17	24	36	63	107	161	191	276	371	431	366	196	60	16	2	....	
80. Encephalitis (non-epidemic)	M	25	2	1	1	3	....	2	2	1	1	....	1	....	1	3	....	2	....	1	3	1	....	....	....	....	....	....	80
	F	10	....	1	....	....	1	2	....	1	1	....	....	....	....	2	1	....	....	....	1	....	....	....	....	....	....	....	
80A. Intracranial abscess	M	6	1	....	....	....	....	....	....	....	....	....	1	....	1	1	....	....	....	....	....	1	1	....	....	....	....	....	80A
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	
80B. Others under this title	M	19	1	1	1	3	....	2	2	1	1	....	....	....	....	2	....	2	....	1	2	....	....	....	....	....	....	....	80B
	F	9	....	1	....	....	1	2	....	1	1	....	....	....	....	1	1	....	....	....	1	....	....	....	....	....	....	....	
81. Meningitis (non-meningococcal)	M	38	7	....	3	1	....	4	2	1	1	4	3	2	3	1	2	1	1	1	1	....	....	....	....	....	....	....	81
	F	24	4	1	1	....	1	....	3	....	....	2	2	1	....	2	....	1	3	2	1	....	....	....	....	....	....	....	
81A. Simple meningitis	M	23	5	....	3	1	....	3	1	1	....	2	2	1	2	....	1	....	....	....	1	....	....	....	....	....	....	....	81A
	F	18	4	....	1	....	....	....	2	....	....	1	....	1	....	2	....	1	3	2	1	....	....	....	....	....	....	....	

81B. Acute cerebrospinal meningitis	M	15	2					1	1		1	2	1	1	1	1	1	1	1	1									81B
	F	6		1			1		1			1	2																
82. Diseases of the medulla and spinal cord	M	57						1	1		2			2	1	4	7	6	12	6	7	4	2	2					82
	F	38								1			1			3	2	4	4	4	8	4	6	1					
83. Intracranial lesions of vascular origin	M	1799	7	1	1	2		1	1	2	4	2	9	11	22	37	66	116	205	242	311	326	255	131	42	4	1		83
	F	2134	3	3	2	1	1			1	4	4	8	16	29	46	95	142	171	260	343	398	345	187	58	15	2		
83A. Cerebral haemorrhage or effusion	M	612	7	1	1	2		1	1	2	2	1	7	8	15	26	33	51	80	80	95	86	67	36	8	2			83A
	F	754	2	1	2	1				1	3	4	7	12	21	31	54	66	69	87	120	117	87	51	15	3			
83B. Cerebral embolism and thrombosis	M	122									2	1		3	5	3	6	5	14	17	21	18	22	2	3				83B
	F	111									1				1	2	5	9	11	18	20	20	9	13	2				
83C. Cerebral softening	M	3																	1		1		1						83C
	F	7	1																1	1		2	1		1				
83D. Hemiplegia and other paralysis of unspecified origin	M	69											2		1	1		8	11	7	13	11	9	6					83D
	F	94		2			1						1	2	1	2	2	10	11	14	18	7	10	9	3	1			
83E. With mention of arteriosclerosis	M	993													1	7	27	52	99	138	181	211	156	87	31	2	1		83E
	F	1168												2	6	11	34	57	79	140	185	252	238	114	37	11	2		
84. Mental disorders and deficiency (general paralysis of the insane excepted)	M	22		2			1	1	1	2	3			2		1	3	1	1	2	2								84
	F	35	2							1	2			2	1	4	4	7	4	1	2	4		1					
84A. Schizophrenia (dementia praecox)	M	5												2			1			1	1								84A
	F	3									1								2										
84B. Others under this title	M	17		2			1	1	1	2	3					1	2	1	1	1	1								84B
	F	32	2							1	1			2	1	4	4	7	2	1	2	4		1					
85. Epilepsy	M	34								7	5	5	6	1	1	1	3	2	1			1		1					85
	F	25					1	2	1	3	4	1	1	1	1	1	1			4	1		2		1				
86. Convulsions (under 5 years of age)	M	17	15	2																									86
	F	20	13	3	1	2	1																						
87. Other diseases of the nervous system	M	103		1		1		1		2	3	1	1	3	1	2	7	3	12	17	14	19	9	4	2				87
	F	99		1					2	4		1	3	3	3	4	4	6	8	5	14	20	12	7	1	1			
87A. Chorea	M	1						1																					87A
87B. Neuritis	M	2											1							1									87B
	F	1																				1							
87C. Paralysis agitans	M	44															3	1	5	10	7	15	5						87C
	F	31													2			2	4	3	7	6	5	2					
87D. Disseminated sclerosis	M	41									1			2	1	2	2	2	5	6	6	4	4	4	2				87D
	F	56								1		1	2	2	1	4	4	3	4	2	7	12	7	4	1	1			
87E. Others under this title	M	15		1		1				2	2	1		1			2		2		1	2							87E
	F	11		1					2	3			1	1				1				1		1					
88. Diseases of organs of vision	M	4																1				3							88
	F	3						1														1	1						
89. Diseases of the ear and of the mastoid process	M	30	2					3	2	1	6	1	3	2	1	1		2		2	1	1	1	1					89
	F	21	5	1					1		1		2	1	2	1		1	1		1	4							
89A. Otitis and other idseases of the ear	M	9	2						1		2		1					2				1							89A
	F	14	4								1		1	1	2	1		1				3							
89B. Diseases of the mastoid process	M	21						3	1	1	4	1	2	2	1	1				2	1		1	1					89B
	F	7	1	1					1				1						1		1	1							

TABLE 35—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1941—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM																													
Total		12718	....	2	3	....	2	9	18	29	44	54	65	133	260	405	633	935	1187	1527	1917	2125	1830	1056	387	78	16	3	
	M	7174	....	1	2	....	2	3	9	18	19	28	32	83	168	268	438	631	761	916	1056	1142	878	520	163	27	8	1	
	F	5544	....	1	1	....	....	6	9	11	25	26	33	50	92	137	195	304	426	611	861	983	952	536	224	51	8	2	
90–95. Diseases of the heart	M	6645	....	1	2	....	2	2	8	18	19	27	30	81	166	264	424	617	738	868	993	1040	764	427	130	18	5	1	90–95
	F	5031	....	....	....	....	....	6	9	11	24	25	30	47	88	129	189	292	408	583	801	888	822	447	188	35	7	2	
90. Pericarditis (acute rheumatic excluded	M	7	....	....	....	....	....	....	....	....	2	....	....	....	....	3	1	....	....	....	....	1	....	....	....	....	....	....	90
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	
90B. Others under this title	M	7	....	....	....	....	....	....	....	....	2	....	....	....	....	3	1	....	....	....	....	1	....	....	....	....	....	....	90B
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	
91. Acute endocarditis (non-rheumatic	M	55	....	....	1	....	2	1	2	7	4	3	3	5	5	5	4	1	5	3	2	1	1	....	....	....	....	....	91
	F	41	....	....	....	....	....	2	4	2	5	2	4	6	3	1	1	2	2	3	1	2	....	1	....	....	....	....	
91A. Bacterial endocarditis (acute, subacute or unspecified	M	37	....	....	....	....	1	....	....	5	2	2	3	2	5	3	4	1	4	3	1	1	....	....	....	....	....	....	91A
	F	23	....	....	....	....	....	2	2	1	4	1	3	2	1	1	1	2	2	1	....	....	....	....	....	....	....	....	
91B. Other acute or subacute endocarditis	M	8	....	....	....	....	....	....	2	....	....	1	....	....	....	2	....	....	1	....	1	....	1	....	....	....	....	....	91B
	F	9	....	....	....	....	....	....	1	....	....	1	....	1	....	....	....	....	....	2	1	2	....	1	....	....	....	....	
91C. Endocarditis (not specified under 45 years)	M	10	....	....	1	....	1	1	....	2	2	....	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	91C
	F	9	....	....	....	....	....	....	1	1	1	....	1	3	2	....	....	....	....	....	....	....	....	....	....	....	....	....	
92. Chronic affections of the valves and endocardium	M	578	....	....	....	....	....	1	2	2	4	10	14	17	19	20	26	58	61	82	86	75	57	39	5	....	....	....	92
	F	587	....	....	....	....	....	2	....	3	8	13	8	18	23	25	41	32	52	59	79	86	75	51	10	2	....	....	
92A. Specified valvular diseases (rheumatic)	M	202	....	....	....	....	....	1	....	2	3	10	9	13	9	8	13	23	17	28	18	26	13	7	2	....	....	....	92A
	F	210	....	....	....	....	....	....	....	3	5	12	7	16	16	16	23	10	21	12	20	23	18	8	....	....	....	....	
92B. Other specified valvular diseases (non-rheumatic)	M	266	....	....	....	....	....	....	2	....	1	....	5	4	10	9	9	21	35	36	46	34	27	24	3	....	....	....	92B
	F	274	....	....	....	....	....	2	....	....	3	1	1	2	7	7	15	15	21	42	44	38	45	25	6	....	....	....	
92C. Unspecified valvular lesions and endocarditis	M	110	....	....	....	....	....	....	....	....	....	....	....	....	....	3	4	14	9	18	22	15	17	8	....	....	....	....	92C
	F	103	....	....	....	....	....	....	....	....	....	....	....	....	....	2	3	7	10	5	15	25	12	18	4	2	....	....	
93. Diseases of the myocardium	M	3236	....	1	1	....	....	....	2	4	4	5	5	16	45	59	114	199	294	391	514	612	527	318	108	13	4	....	93
	F	3038	....	....	....	....	....	....	2	4	5	3	9	13	36	52	81	135	215	315	472	561	602	337	156	31	7	2	
93A. Acute myocarditis	M	42	....	....	....	....	....	....	1	1	1	....	1	3	2	1	1	6	2	3	7	7	4	2	....	....	....	....	93A
	F	40	....	....	....	....	....	....	1	1	....	2	2	....	2	1	3	....	5	6	5	4	6	1	1	....	....	....	
93B. Myocarditis (not specified under 45 years)	M	14	....	1	....	....	....	....	....	1	1	1	1	2	7	....	....	....	....	....	....	....	....	....	....	....	....	....	93B
	F	17	....	....	....	....	....	....	1	2	1	....	1	7	5	....	....	....	....	....	....	....	....	....	....	....	....	....	

93c. Chronic myocarditis and myocardial degeneration (rheumatic)	M	102	...	...	1	...	...	...	...	...	2	1	...	5	4	5	8	15	14	13	10	10	6	7	1	...	...	...	93c
	F	127	...	...	...	...	...	...	...	...	3	...	2	3	4	7	8	9	12	10	20	20	14	12	3	...	...	...	
93d. Chronic myocarditis (non-rheumatic)	M	2563	...	...	...	...	...	...	1	2	...	3	2	5	29	35	86	135	231	313	420	501	432	268	87	11	2	...	93d
	F	2410	...	...	...	...	...	...	...	1	1	1	4	3	21	35	59	108	173	244	377	460	499	280	119	18	5	2	
93e. Other myocarditis (not specified)	M	515	...	...	...	...	...	...	...	...	...	...	1	1	3	18	19	43	47	62	77	94	85	41	20	2	2	...	93e
	F	444	...	...	...	...	...	...	...	...	...	...	...	...	4	9	11	18	25	55	70	77	83	44	33	13	2	...	
94. Diseases of the coronary arteries and angina pectoris	M	2546	...	...	...	...	...	...	2	2	3	6	6	39	87	165	270	333	353	358	370	322	158	56	10	4	1	1	94
	F	1171	...	...	...	...	...	...	...	1	4	5	4	6	19	36	57	109	127	192	222	205	117	45	20	2	...	...	
94a. Diseases of the coronary arteries	M	2449	...	...	...	...	...	...	2	2	3	6	6	36	84	160	263	326	343	345	350	302	153	55	7	4	1	1	94a
	F	1120	...	...	...	...	...	...	...	1	4	5	3	6	18	34	55	100	125	180	213	200	111	45	18	2	...	...	
94b. Angina pectoris	M	97	...	...	...	...	...	...	...	...	...	...	...	3	3	5	7	7	10	13	20	20	5	1	3	...	...	...	94b
	F	51	...	...	...	...	...	...	...	...	...	...	1	...	1	2	2	9	2	12	9	5	6	...	2	...	...	...	
95. Other diseases of the heart	M	223	...	...	...	...	...	...	...	3	2	3	2	4	10	12	9	26	25	34	21	29	21	14	7	1	...	...	95
	F	193	...	...	...	...	...	2	3	1	2	2	5	4	7	14	9	14	12	14	27	34	28	13	2	...	...	...	
95a. Functional diseases of the heart (no organic lesion)	M	21	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	5	5	3	4	1	...	...	...	...	95a
	F	22	...	...	...	...	...	...	...	...	...	...	1	...	...	2	1	1	...	2	4	3	4	3	1	...	...	...	
95b. Other diseases of the heart (rheumatic)	M	43	...	...	...	...	...	...	...	2	2	2	2	2	6	7	2	7	5	2	1	1	2	...	...	...	...	...	95b
	F	59	...	...	...	...	...	1	2	1	1	2	4	2	7	7	3	6	3	4	9	5	...	2	...	...	...	...	
95c. Other diseases of the heart (non-rheumatic)	M	159	...	...	...	...	...	...	...	1	...	1	...	2	4	4	7	18	19	27	15	25	15	13	7	1	...	...	95c
	F	112	...	...	...	...	...	1	1	...	1	...	...	2	...	5	5	7	9	8	14	26	24	8	1	...	...	...	
96. Aneurysm (heart and aorta excepted)	M	14	...	...	...	...	...	...	...	...	...	1	...	...	...	...	3	3	2	1	1	3	...	...	...	...	...	...	96
	F	7	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2	...	...	1	2	...	...	...	...	...	...	
97. Arteriosclerosis (coronary or renal sclerosis or cerebral haemorrhage excepted)	M	425	...	...	...	...	...	...	1	...	...	...	...	...	...	1	3	5	12	36	49	85	106	86	30	8	3	...	97
	F	400	...	...	...	...	...	...	...	...	...	...	...	1	...	1	2	3	9	21	40	78	117	80	34	13	1	...	
98. Gangrene	M	33	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	3	5	3	9	4	4	1	1	...	...	98
	F	19	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	1	1	5	2	2	2	1	2	...	...	
99. Other diseases of the arteries	M	22	...	...	...	...	...	...	...	...	...	...	2	1	1	...	1	3	3	2	4	1	2	2	...	...	...	...	99
	F	35	...	...	...	...	...	...	...	...	1	...	1	...	1	1	...	1	5	3	6	6	7	2	1	...	...	...	
100. Diseases of the veins	M	15	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	...	2	3	3	1	...	1	2	...	...	...	100
	F	25	...	...	1	...	...	...	...	...	...	...	...	1	3	4	3	2	1	...	3	3	2	2	...	...	...	...	
101. Diseases of the lymphatic system	M	2	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	101
	F	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	
102. High blood pressure (idiopathic)	M	18	...	...	...	...	...	...	...	...	...	...	...	1	1	2	3	2	1	...	3	3	2	...	...	...	...	...	102
	F	25	...	...	...	...	...	...	...	...	...	1	2	...	...	...	1	2	2	3	4	4	2	3	...	1	...	...	
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM																														
Total	...	2103	380	69	24	17	6	23	16	25	18	29	26	33	36	58	86	99	121	140	163	213	239	170	83	24	4	1	
	M	1186	241	34	17	12	4	13	9	15	11	15	13	26	18	38	63	64	74	88	80	106	114	81	36	9	4	1	
	F	917	139	35	7	5	2	10	7	10	7	14	13	7	18	20	23	35	47	52	83	107	125	89	47	15	...	...	
104. Diseases of the nasal fossae and accessory sinuses	M	16	...	...	...	...	...	...	...	3	1	...	2	...	...	2	4	2	1	1	...	...	...	...	...	...	...	...	104
	F	7	2	...	...	...	...	...	1	1	...	...	...	...	1	...	1	...	...	...	...	...	1	...	...	...	...	...	

TABLE 35—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1941—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
105. Diseases of the larynx	M	6		1	1	2	1																	1					105
	F	5	1	1	1			1									1												
106. Bronchitis	M	61	12	3	3	1	1	1		1		1					1	2	7	2	5	5	10	4	2				106
	F	58	12	3		1	2	3							1	1		2	3	2	2	9	11	5	1				
106A. Acute	M	21	11	2	2	1	1												1			2	1						106A
	F	27	12	3		1	1	2												1		3	2	2					
106B. Chronic	M	30						1		1		1					1	2	6	2	4	2	5	4	1				106B
	F	22					1	1							1	1		2	3		2	4	5	1	1				
106C. Unspecified	M	10	1	1	1																1	1	4		1				106C
	F	9																		1		2	4	2					
107. Bronchopneumonia	M	556	164	21	8	4	1	3	5	6	5	7	6	6	3	13	11	19	36	39	34	49	54	39	19	4			107
	F	400	87	19	2	2		2	1	4	2	4	3	1	4	5	6	8	19	23	35	37	56	44	29	7			
108. Lobar pneumonia	M	263	20	2	1	1	1	4	3	4	3	6	2	11	10	13	26	22	22	26	27	22	19	12	5		1		108
	F	205	14	7	2			1	3	3	1	6	5		9	9	6	13	10	16	26	30	23	14	4	3			
109. Pneumonia (unspecified)	M	140	36	5	4	4		2		1	1		1	4	2		7	6	2	8	7	14	17	12	3	1	2	1	109
	F	112	21	2	1	1		1	1		1		2	3		2	3	3	7	4	12	13	20	10	5				
110. Pleurisy	M	37	4	2				1			1		2	4	1	2	5	3	1	2	1	3	2		3				110
	F	17	1	1	1			1			2		1	1			1	2		1	2	1		2					
110A. Empyema	M	20	3	2				1			1		1	4	1	2	2	1		1			1						110A
	F	11	1	1	1			1			2		1	1				1			2								
110B. Others under this title	M	17	1										1				3	2	1	1	1	3	1		3				110B
	F	6															1	1		1		1		2					
111. Haemorrhagic infarction, congestion, oedema and thrombosis of the lungs	M	57						1								1	1	3	1	8	6	10	8	10	4	3	1		111
	F	78		1		1		1	1	1	1		2	2	1		1	2	4	2	4	15	14	12	8	5			
111A. Haemorrhagic infarction and thrombosis of the lungs	M	14														1	1	2	1	2	1	2	2	2					111A
	F	8		1		1					1		1		1							1		1	1				
111B. Others under this title	M	43						1										1		6	5	8	6	8	4	3	1		111B
	F	70						1	1	1			1	2			1	2	4	2	4	14	14	11	7	5			
112. Asthma	M	23	1												1	5	3	3	2			3	3	1		1			112
	F	21													1	1	4	4	3	3	2	2		1					
113. Pulmonary emphysema	M	1																1											113
	F	1														1													
114. Other diseases of the respiratory system (tuberculosis excepted)	M	26	4					1	1			1		1	1	2	5	3	2	2			1	2					114
	F	13	1	1						1		4			1	1		1	1	1				1					
114A. Silicosis	M	5															2	1	1					1					114A
114C. Gangrene of lung	F	1										1																	114C
114D. Others under this title	M	21	4					1	1			1		1	1	2	3	2	1	2			1	1					114D
	F	12	1	1						1		3			1	1		1	1	1				1					

Class IX.—Diseases of the Digestive System																													
Total		1898	327	26	24	14	10	37	36	30	34	41	49	68	97	104	141	128	148	168	128	138	89	43	15	2	1		
	M	1133	180	13	15	8	7	21	21	20	25	31	23	33	60	61	105	84	93	94	79	78	49	25	7	1			
	F	765	147	13	9	6	3	16	15	10	9	10	26	35	37	43	36	44	55	74	49	60	40	18	8	1	1		
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils	M	63	9	1	2	3		7	1	3	3	5	1	1	4	4	4	5	4	1	2	1	1	1					115
	F	37	4	2	1	1	1	6	2		1	1	2		5	4	2		2	1		1		1					
115A. Diseases of the teeth and gums	M	6															2		1		1	1		1					115A
	F	5									1				1	2			1										
115B. Septic sore throat	M	20	2	1		1		1	1		1	2			3	3	1	2	1		1								
	F	14	2	1		1	1	3							2	2	1					1							115B
115C. Diseases of the pharynx and tonsils	M	34	7		1	2		6		2	2	3	1	1	1	1	1	2	2	1			1						115C
	F	16	2	1	1			3	2			1	2		1		1		1	1									
115D. Others under this title	M	3			1					1								1											115D
	F	2													1									1					
116. Diseases of the oesophagus	M	5	1									1								2				1					116
	F	6																		3	1		1	1					
117. Ulcer of the stomach or duodenum	M	261									4	5	4	14	18	29	34	28	35	24	27	22	12	4	1				117
	F	46											2	2	2	4	3	3	2	9	10	5	3	1					
117A. Stomach	M	134									2	2	2	10	9	14	14	15	11	13	14	18	6	3	1				117A
	F	24											2		1	1	2	1	1	4	6	4	2						
117B. Duodenum	M	127									2	3	2	4	9	15	20	13	24	11	13	4	6	1					117B
	F	22												2	1	3	1	2	1	5	4	1	1	1					
118. Other diseases of the stomach	M	16	4											1	1	1	2	1	2	1		1	1		1				118
	F	18	6												1			1	3		1	2	3	1					
119. Diarrhoea and enteritis (under 2 years of age)	M	173	163	10																									119
	F	142	134	8																									
119A. Diarrhoea and enteritis	M	172	162	10																									119A
	F	142	134	8																									
119B. Ulceration of the intestines	M	1	1																										119B
120. Diarrhoea and enteritis (2 years of age and over	M	56			6	1	3	5		2	1	4	1	1	1	2	5	4	4	3	3		5	4	1				120
	F	40			3	2	2	1		1	1	1	4	1		1	1	1	1	4	3	6	3	1	3				
120A. Diarrhoea and enteritis	M	37			6	1	3	5		1		1				1	4	3	3	1			4	3	1				120A
	F	24			3	2	2	1		1	1			1					1	1	2	4	1	1	3				
120B. Ulceration of the intestines	M	19								1	1	3	1	1	1	1	1	1	1	2	3		1	1					120B
	F	16										1	4			1	1	1		3	1	2	2						
121. Appendicitis	M	159		1	3	2	3	6	15	11	10	10	6	7	15	10	14	12	10	10	4	6	3	1					121
	F	88			2	2		7	10	7	5	1	6	6	2	7	8	3	8	6	4	1	2			1			
122. Hernia, intestinal obstruction	M	194		1	2			2	3	3	3	4	5	3	9	5	23	16	13	23	19	30	18	10	2				122
	F	140		2	1				2	1		5	5	9	11	10	7	10	11	14	12	20	12	4	3			1	
122A. Hernia	M	105		1							2	1	2	3	6	3	14	10	9	11	8	21	6	7	1				122A
	F	54											1	2	2	5	3	7	3	9	5	11	3	2			1		
122B. Intestinal obstruction	M	89			2			2	3	3	1	3	3		3	2	9	6	4	12	11	9	12	3	1				122B
	F	86		2	1				2	1		5	4	7	9	5	4	3	8	5	7	9	9	2	3				
123. Other diseases of the intestines	M	26			1			1				1	1		1	4	4	1	2	4	2		3			1			123
	F	11			1													1	2	4		2		1					
124. Cirrhosis of the liver	M	83							1	1			4	4	4	4	8	9	11	11	9	11	5	1					124
	F	63						1			1		2	8	1	7	3	5	6	9	3	12	4	1					
124A. With mention of alcoholism	M	9											1	1	1	1		1	3	1									124A
	F	3														2					1								

TABLE 35—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1941—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
124B. Without mention of alcoholism	M	74	....	....	....	....	....	....	1	1	....	....	3	3	3	3	8	8	8	10	9	11	5	1	....	....	....	....	124B
	F	60	....	....	....	....	....	1	....	....	1	....	2	8	1	5	3	5	6	9	2	12	4	1	....	....	....	....	
125. Other diseases of the liver	M	17	....	....	....	....	....	....	1	....	2	....	....	....	2	1	4	1	2	4	....	....	....	....	....	....	....	....	125
	F	20	....	1	1	....	....	....	....	....	1	1	....	2	1	....	1	1	1	6	....	1	1	1	1	....	....	....	
125A. Acute yellow atrophy	M	6	....	....	....	....	....	....	....	....	....	....	....	....	1	....	2	....	1	2	....	....	....	....	....	....	....	....	125A
	F	7	....	1	....	....	....	....	....	....	....	1	....	....	1	....	....	1	....	1	....	1	....	....	1	....	....	....	
125B. Others under this title	M	11	....	....	....	....	....	....	1	....	2	....	....	....	1	1	2	1	1	2	....	....	....	....	....	....	....	....	125B
	F	13	....	....	1	....	....	....	....	....	1	....	....	2	....	....	1	....	1	5	....	....	1	1	....	....	....	....	
126. Biliary calculi	M	33	....	....	....	....	....	....	....	....	....	....	1	1	3	1	1	1	5	6	6	5	1	1	1	....	....	....	126
	F	71	....	....	....	....	....	....	....	....	....	1	1	4	5	6	5	11	12	7	7	5	5	2	....	....	....	....	
127. Other diseases of the gall-bladder and bile ducts	M	19	....	....	....	....	....	....	....	....	....	....	....	1	....	....	2	1	4	2	5	2	....	1	1	....	....	....	127
	F	58	....	....	....	....	....	....	....	1	....	....	3	2	5	2	5	7	6	8	6	4	5	3	1	....	....	....	
128. Diseases of the pancreas	M	14	3	....	....	....	....	....	....	....	1	....	....	....	....	....	2	2	1	3	2	....	....	....	....	....	....	....	128
	F	7	2	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	1	1	....	....	....	1	....	....	....	....	
129. Peritonitis without stated cause	M	14	....	....	1	2	1	....	....	....	1	1	....	....	2	....	2	3	....	....	....	....	....	1	....	....	....	....	129
	F	18	1	....	....	1	....	1	1	....	....	....	....	1	4	1	1	1	....	2	2	1	1	....	....	....	....	....	
CLASS X.—DISEASES OF THE URINARY AND GENITAL SYSTEMS																													
Total	...	2596	5	6	6	....	3	1	8	16	27	16	29	48	56	101	126	145	215	282	399	437	373	215	70	10	2	....	
	M	1588	3	3	2	....	2	1	2	8	15	10	15	19	24	44	66	94	135	170	271	266	238	145	48	6	1	....	
	F	1008	2	3	4	....	1	....	6	8	12	6	14	29	32	57	60	51	80	112	128	171	135	70	22	4	1	....	
130. Acute nephritis	M	27	2	1	2	....	1	1	2	3	3	4	3	....	....	1	....	2	....	....	....	1	1	....	....	....	....	....	130
	F	21	1	1	1	....	....	....	3	1	2	....	1	3	1	1	2	1	1	1	....	1	....	....	....	....	....	....	
131. Chronic nephritis	M	1015	....	....	....	....	....	....	....	5	8	3	10	16	20	34	52	62	93	115	155	164	149	93	32	4	....	....	131
	F	815	....	....	3	....	1	....	1	6	9	2	7	15	22	39	41	40	66	95	114	151	120	60	20	3	....	....	
132. Nephritis unspecified (over 10 years of age)	M	77	....	....	....	....	....	....	....	....	2	....	2	1	2	5	1	5	5	2	9	19	10	9	3	1	1	....	132
	F	52	....	....	....	....	....	....	....	1	....	....	1	2	1	4	3	4	2	2	9	8	6	6	2	1	....	....	
133. Other diseases of the kidneys and ureters	M	61	1	2	....	....	1	....	....	....	2	2	....	2	1	....	5	7	8	2	11	3	11	3	....	....	....	....	133
	F	41	1	2	....	....	....	....	1	....	....	....	....	1	1	2	3	4	7	5	3	5	4	2	....	....	....	....	
134. Calculi of the urinary passages	M	40	....	....	....	....	....	....	....	....	....	1	....	....	....	2	1	3	6	5	7	8	4	2	1	....	....	....	134
	F	17	....	....	....	....	....	....	....	....	....	1	....	1	....	3	3	1	1	3	....	3	1	....	....	....	....	....	
135. Diseases of the urinary bladder	M	16	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	2	6	2	....	2	1	1	....	....	135
	F	10	....	....	....	....	....	....	....	....	....	....	....	....	....	2	2	....	....	....	....	2	1	2	....	....	1	....	
136. Diseases of the urethra, urinary abscess, etc.	M	11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	3	....	3	1	1	....	....	....	....	....	136
	F	3	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	1	....	....	....	....	....	

136A. Stricture of the urethra	M	8															1	2	2		2	1								136A
	F	2												1						1										
136B. Others under this title	M	3																	1		1		1							136B
	F	1																					1							
137. Diseases of the prostate	M	340													1	2	5	13	19	44	79	68	62	36	11					137
138. Diseases of the male genital organs (non-venereal)	M	1																			1									138
139. Diseases of the female genital organs (non-venereal)	F	49							1		1	3	5	6	7	6	6	1	3	5	2	1	2							139
139A. Ovaries, Fallopian tubes and parametria	F	22									1	2	3	4	5	2	2		1	1			1							139A
139B. Uterus	F	25							1			1	1	2	2	4	4		2	4	2	1	1							139B
139C. Others under this title	F	2											1					1												139C
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE																														
Total		219								13	36	60	41	47	21	1														
140. Abortion with mention of infection	F	33								2	8	7	9	6	1															140
140A. Spontaneous, therapeutic or unspecified	F	11								1	2	4	1	2	1															140A
140B. Self-induced	F	16									4	2	6	4																140B
140C. Non-therapeutic	F	6								1	2	1	2																	140C
141. Abortion without mention of infection	F	8									2	1	2	3																141
141A. Spontaneous, therapeutic or unspecified	F	6									1		2	3																141A
141B. Self-induced	F	1										1																		141B
141C. Non-therapeutic	F	1									1																			141C
142. Ectopic gestation	F	9										7		2																142
142B. Without mention of infection	F	9										7		2																142B
143. Haemorrhage of pregnancy—death prior to delivery	F	2												1	1															143
143C. Others under this title	F	2												1	1															143C
144. Toxaemias of pregnancy death prior to delivery	F	21									5	7	5	3	1															144
145. Other diseases and accidents of pregnancy—death prior to delivery	F	7								1	1	2		3																145
146. Haemorrhage of childbirth and the puerperium	F	25								2	3	5	5	4	5	1														146
146A. Placenta praevia	F	8										1	2	2	3															146A
146B. Premature separation of placenta	F	1												1																146B
146C. Others under this title	F	16								2	3	4	3	1	2	1														146C
147. Infection during childbirth and the puerperium	F	52								4	9	12	11	11	5															147
148. Purerperal toxaemias—following delivery	F	33								3	5	11	6	5	3															148
148A. Puerperal eclampsia	F	21								1	3	8	3	4	2															148A
148B. Puerperal albuminuria and nephritis	F	7								1	1	2	2	1	1															148B
148C. Acute yellow atrophy of liver	F	4								2		1	1																	148C
148D. Others under this title	F	[illegible]									1																			148D

TABLE 35—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1941—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																										
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
149. Other accidents of childbirth	F	20	....	....	....	....	....	....	....	1	3	4	3	7	2	....	....	....	....	....	....	....	....	....	....	....	....	....	149
149A. Laceration, rupture or other trauma of pelvic organs and tissues	F	8	....	....	....	....	....	....	....	1	....	1	2	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	149A
149B. Other conditions of childbirth	F	12	....	....	....	....	....	....	....	....	3	3	1	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	149B
150. Other and unspecified conditions of childbirth and the puerperal state	F	9	....	....	....	....	....	....	....	....	....	4	....	2	3	....	....	....	....	....	....	....	....	....	....	....	....	....	150
150C. Others under this title	F	9	....	....	....	....	....	....	....	....	....	4	....	2	3	....	....	....	....	....	....	....	....	....	....	....	....	....	150C
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE																													
Total	...	31	4	....	....	....	1	1	....	1	....	....	....	2	2	....	2	3	1	6	4	1	2	....	1	....	....	....	
	M	16	2	....	....	....	....	1	....	1	....	....	....	....	2	....	1	3	1	2	1	....	1	....	1	....	....	....	
	F	15	2	....	....	....	1	....	....	....	....	....	....	2	....	....	1	....	....	4	3	1	1	....	....	....	....	....	
151. Carbuncle and furuncle	M	5	1	....	....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	1	....	....	....	....	....	....	....	....	151
	F	2	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	
152. Phlegmon and acute abscesses	M	6	....	....	....	....	....	1	....	....	....	....	....	....	1	....	1	1	....	1	....	....	....	....	1	....	....	....	152
	F	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	....	....	....	....	....	....	
153. Other diseases of the skin and cellular tissue	M	5	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	1	....	....	....	....	....	153
	F	10	2	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	3	2	1	....	....	....	....	....	....	
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF MOVEMENT																													
Total	...	50	....	1	....	1	1	4	3	2	1	1	....	1	....	4	4	4	5	7	6	....	1	4	....	....	....	....	
	M	32	....	....	....	1	1	2	2	2	1	1	....	1	....	3	4	3	2	4	4	....	....	1	....	....	....	....	
	F	18	....	1	....	....	....	2	1	....	....	....	....	....	....	1	....	1	3	3	2	....	1	3	....	....	....	....	
154. Osteomyelitis and periostitis	M	18	....	....	....	1	1	2	2	1	....	1	....	....	....	2	1	3	....	3	1	....	....	....	....	....	....	....	154
	F	7	....	1	....	....	....	2	1	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	....	....	....	
155. Other diseases of the bones	M	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	1	....	2	....	....	....	....	....	....	....	155
	F	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	....	1	....	....	....	....	
156. Diseases of the joints and other organs of movement	M	9	....	....	....	....	....	....	....	1	1	....	....	1	....	1	1	....	1	1	1	....	....	1	....	....	....	....	156
	F	7	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	2	2	1	....	....	1	....	....	....	....	

156A. Diseases of the joints (tuberculosis and rheumatism excepted)	M	6												1		1	1		1	1	1									156A
	F	4																	1	1	1									
156B. Others under this title	M	3								1	1														1					156B
	F	3														1			1	1										
CLASS XIV.—CONGENITAL MALFORMATIONS																														
Total	...	601	514	17	7	10	4	11	5	7	5	2	4	5	3	1	2	2	1	1										
	M	303	262	8	3	1	2	8	5	3	1		2	3	3	1		1												
	F	298	252	9	4	9	2	3		4	4	2	2	2			2	1	1	1										
157. Congenital malformations	M	303	262	8	3	1	2	8	5	3	1		2	3	3	1		1												157
	F	298	252	9	4	9	2	3		4	4	2	2	2			2	1	1	1										
157A. Congenital hydrocephalus	M	49	39	4	2	1	1	1								1														157A
	F	59	48	2	2	4	1	1				1																		
157B. Spina bifida and meningocele	M	58	56							1			1																	157B
	F	77	71	1		1		2		2																				
157C. Anencephalus	M	3	3																											157C
	F	10	10																											
157D. Congenital malformations of the heart	M	106	89	4	1			5	4	2					1															157D
	F	78	61	4		3	1			2	3	1	1				1		1											
157E. Others under this title	M	87	75				1	2	1		1		1	3	2			1												157E
	F	74	62	2	2	1					1		1	2			1	1		1										
CLASS XV.—DISEASES PECULIAR TO THE FIRST YEAR OF LIFE																														
Total	...	1552	1552																											
	M	931	931																											
	F	621	621																											
158. Congenital debility	M	72	72																											158
	F	33	33																											
159. Premature birth	M	490	490																											159
	F	370	370																											
160. Injury at birth	M	232	232																											160
	F	140	140																											
160A. Intracranial or spinal haemorrhage	M	119	119																											160A
	F	64	64																											
160B. Other intracranial or spinal injuries	M	11	11																											160B
	F	6	6																											
160C. Others under this title	M	102	102																											160C
	F	70	70																											
161. Other diseases peculiar to the first year of life	M	137	137																											161
	F	78	78																											

TABLE 35—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1941—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
161A. Asphyxia (unspecified), atelectasis	M	58	58	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161A
	F	42	42	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
161B. Infection of the umbilicus, pemphigus and other infections	M	10	10	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161B
	F	6	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
161C. Other specified diseases peculiar to the first year of life	M	69	69	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161C
	F	30	30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
CLASS XVI.—SENILITY																													
Total	...	375	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	18	51	106	100	72	21	5	....	
	M	168	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	7	26	58	39	29	6	1	....	
	F	207	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	11	25	48	61	43	15	4	....	
162. Senility	M	168	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	7	26	58	39	29	6	1	....	162
	F	207	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	11	25	48	61	43	15	4	....	
162A. With dementia	M	14	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	4	4	1	2	2	....	....	162A
	F	19	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	4	4	6	2	....	1	....	
162B. Without dementia	M	154	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	6	22	54	38	27	4	1	....	162B
	F	188	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	9	21	44	55	41	15	3	....	
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS																													
Total	...	3305	98	38	46	37	22	140	104	153	233	216	161	173	147	178	200	164	207	182	156	200	227	157	50	11	1	4	
	M	2307	51	21	33	19	12	91	84	128	207	181	136	144	124	146	160	131	158	129	85	103	88	53	14	5	....	4	
	F	998	47	17	13	18	10	49	20	25	26	35	25	29	23	32	40	33	49	53	71	97	139	104	36	6	1	....	
163–164. Suicides	M	217	....	....	....	....	....	....	....	5	5	14	13	26	27	26	26	19	26	11	4	7	5	2	....	1	....	....	163–164
	F	102	....	....	....	....	....	....	....	1	5	17	7	10	7	14	13	7	12	4	4	....	1	....	....	....	....	....	
163. Suicide by poisoning	M	39	....	....	....	....	....	....	....	....	1	2	2	6	6	5	5	2	5	3	1	1	....	....	....	....	....	....	163
	F	40	....	....	....	....	....	....	....	1	3	7	1	6	2	5	6	4	5	....	....	....	....	....	....	....	....	....	
163A. By corrosive substances, solid and liquid poisonings	M	22	....	....	....	....	....	....	....	....	1	2	2	5	1	2	3	1	2	1	1	1	....	....	....	....	....	....	163A
	F	29	....	....	....	....	....	....	....	1	1	6	1	5	1	2	5	4	3	....	....	....	....	....	....	....	....	....	
163B. By poisonous gas	M	17	....	....	....	....	....	....	....	....	....	....	....	1	5	3	2	1	3	2	....	....	....	....	....	....	....	....	163B
	F	11	....	....	....	....	....	....	....	....	2	1	....	1	1	3	1	....	2	....	....	....	....	....	....	....	....	....	
164. Suicide by other means	M	178	....	....	....	....	....	....	....	5	4	12	11	20	21	21	21	17	21	8	3	6	5	2	....	1	....	....	164
	F	62	....	....	....	....	....	....	....	....	2	10	6	4	5	9	7	3	7	4	4	....	1	....	....	....	....	....	
164A. By hanging or strangulation	M	58	....	....	....	....	....	....	....	2	....	3	....	7	4	8	5	9	10	6	....	2	....	1	....	1	....	....	164A
	F	16	....	....	....	....	....	....	....	....	....	3	1	2	1	2	1	1	2	1	2	....	....	....	....	....	....	....	
164B. By drowning	M	20	....	....	....	....	....	....	....	....	1	2	1	2	1	3	5	1	....	1	1	1	1	....	....	....	....	....	164B
	F	25	....	....	....	....	....	....	....	....	....	2	3	2	3	4	3	1	2	2	2	....	1	....	....	....	....	....	

164c. By firearms or explosives....	M	59	....	....	....	....	....	....	....	2	1	6	6	4	10	7	8	3	8	....	2	1	1	....	....	....	....	....	164c
	F	6	....	....	....	....	....	....	....	....	2	2	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	
164d. By cutting or piercing instruments.....	M	17	....	....	....	....	....	....	....	....	....	....	2	1	4	1	....	2	1	1	....	2	2	1	....	....	....	....	164d
	F	3	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	
164e. By jumping from high places	M	16	....	....	....	....	....	....	....	....	1	1	2	4	....	2	2	2	1	....	....	....	1	....	....	....	....	....	164e
	F	8	....	....	....	....	....	....	....	....	....	1	1	....	1	2	1	....	1	1	....	....	....	....	....	....	....	....	
164f. By crushing.....	M	5	....	....	....	....	....	....	....	1	....	....	....	2	1	....	1	....	....	....	....	....	....	....	....	....	....	....	164f
	F	3	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	
164g. By other or unspecified means	M	3	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	164g
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	
166–168. Homicides.....	M	27	3	....	1	....	1	2	....	1	3	3	3	1	2	1	2	....	1	....	1	....	2	....	....	....	....	....	166–168
	F	14	5	1	....	....	....	2	2	....	1	....	....	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	
166. Homicide by firearms.....	M	11	....	....	1	....	....	1	....	1	2	2	1	....	1	....	1	....	1	....	....	....	....	....	....	....	....	....	166
	F	4	....	1	....	....	....	....	1	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
167. Homicide by cutting or piercing instruments.....	M	3	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	167
	F	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
168. Homicide by other or unspecified means.....	M	13	3	....	....	....	1	1	....	....	1	1	1	1	1	....	1	....	....	....	1	....	1	....	....	....	....	....	168
	F	9	5	....	....	....	....	2	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	
169–195. Accidental deaths.....	M	2061	48	21	32	19	11	89	84	122	198	164	120	117	95	118	132	112	131	118	80	96	81	51	14	4	....	4	169–195
	F	882	42	16	13	18	10	47	18	24	20	18	18	17	15	18	27	26	37	49	67	97	138	104	36	6	1	....	
169. Railway accidents (excluding motor vehicles).....	M	98	....	....	....	....	....	2	2	8	12	9	3	7	5	7	10	9	14	3	6	....	....	1	....	....	....	....	169
	F	11	....	....	....	....	....	2	1	1	....	....	....	2	2	....	....	....	....	1	....	2	....	....	....	....	....	....	
170. Motor vehicle accidents.....	M	660	3	1	11	2	2	36	34	44	53	48	41	37	33	47	49	42	54	45	30	20	20	6	....	....	....	2	170
	F	175	....	....	3	6	3	22	6	12	10	12	9	7	8	6	5	12	14	16	9	8	5	2	....	....	....	....	
170a. Collisions with trains.....	M	33	....	....	....	....	....	1	....	....	4	4	3	4	1	2	2	3	1	5	1	1	1	....	....	....	....	....	170a
	F	15	....	....	....	....	....	....	....	2	1	1	2	3	1	1	....	2	1	1	....	....	....	....	....	....	....	....	
170b. Collisions with street-cars...	M	5	....	....	....	....	....	1	....	....	1	....	....	....	....	1	1	....	1	....	....	....	....	....	....	....	....	....	170b
	F	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
170c. Automobile accidents (excluding trains or street-cars)	M	616	3	1	11	2	2	33	34	44	47	43	38	31	32	44	45	39	52	40	29	19	19	6	....	....	....	2	170c
	F	159	....	....	3	6	3	22	6	10	8	11	7	4	7	5	5	10	13	15	9	8	5	2	....	....	....	....	
170d. Motorcycle accidents (excluding automobiles).....	M	6	....	....	....	....	....	1	....	....	1	1	....	2	....	....	1	....	....	....	....	....	....	....	....	....	....	....	170d
171. Street-car and other road transport accidents.....	M	34	....	....	....	2	1	2	2	2	2	2	2	3	1	1	2	2	2	1	1	3	3	....	....	....	....	....	171
	F	10	....	....	....	....	....	....	3	1	....	....	....	....	....	....	....	....	4	....	1	1	....	....	....	....	....	....	
171a. Street-car accidents (excluding trains and motor vehicles)	M	15	....	....	....	....	....	1	....	....	1	1	1	2	....	....	1	2	2	1	....	2	1	....	....	....	....	....	171a
	F	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	1	1	....	....	....	....	....	....	
171b. Others under this title.....	M	19	....	....	....	2	1	1	2	2	1	1	1	1	1	1	1	....	....	....	1	1	2	....	....	....	....	....	171b
	F	6	....	....	....	....	....	....	3	1	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	
172. Water transport accidents....	M	84	....	....	....	1	....	1	5	10	8	19	6	4	7	8	5	1	4	3	2	....	....	....	....	....	....	....	172
	F	9	....	....	....	....	....	1	....	2	1	....	....	2	1	1	....	....	1	....	....	....	....	....	....	....	....	....	
173. Air transport accidents.....	M	146	....	....	....	....	....	....	1	11	58	28	21	9	6	6	3	3	....	....	....	....	....	....	....	....	....	....	173
	F	3	....	....	....	....	....	....	....	....	1	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
174. Accidents in mines and quarries.....	M	55	....	....	....	....	....	....	....	2	12	16	7	7	5	4	1	....	1	....	....	....	....	....	....	....	....	....	174
175. Agricultural and forestry accidents.....	M	93	....	....	....	....	....	....	....	7	3	5	5	4	4	8	9	12	8	14	6	3	5	....	....	....	....	....	175
175a. Accidents involving agricultural machinery and vehicles	M	34	....	....	....	....	....	....	....	3	1	1	3	1	1	4	2	2	3	7	2	2	2	....	....	....	....	....	175a

TABLE 35—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1941—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
175B. Injury by animals, in agriculture	M	16										1		1			4	2	2	2	2		2						175B
175C. Other agricultural accidents	M	24								2		1	1		1	2	2	6	1	5	1	1	1						175C
175D. Accidents involving forestry	M	1															1												175D
175E. Other forestry accidents	M	18								2	2	2	1	2	2	2		2	2		1								175E
176. Other accidents involving machinery	M	39						1	1	1	3	4	3	3	8	1	5	3	4			2							176
	F	3						1						1							1								
177. Food poisoning	M	6	1		2											1				1	1								177
	F	2															1				1								
178. Accidental absorption of poisonous gas	M	33	3					1	1		3	2	3		1	2	3	2	4	3	1	2	1	1					178
	F	13		1				1	1		1	1	1			2					1	3	1						
178A. Coal and illuminating gas	M	6											1		1				1	1		1	1						178A
	F	3											1			2													
178B. Motor vehicle exhaust gas	M	9									2	1	1			1	2	2											178B
	F	1										1																	
178C. Other carbon-monoxide gas	M	12	3					1				1							3	2	1			1					178C
	F	7		1				1	1												1	2	1						
178D. Other poisonous gases	M	6							1		1		1			1	1					1							178D
	F	2									1											1							
179. Acute accidental poisoning by solids or liquids	M	10		1				1					2	3							3								179
	F	12	1	2		1	2						1			2	2		1										179
180. Conflagration	M	45	4	2	4	2	2	6	3			2	2	3	2	1		1	4	1	1	1	4						180
	F	35	1	3	1	3		6	2	1	2	1	4		1		1		1	1	2	1	2		2				
181. Accidental burns (conflagration excepted)	M	51	3	5	2			1	1		3	4	6	1	1	3	4	2	1	5	1	5	3						181
	F	50	1	5	3	4	4	4	2	1	1			2		2	1	3	4	1	3	5	2	2					
182. Accidental mechanical suffocation	M	25	16	1		1			1		2			1	1			1	1										182
	F	26	24			1											1												
183. Accidental drowning	M	174		7	11	8	3	26	19	14	15	9	7	11	7	5	8	11	4	6		2						1	183
	F	33	1	3	4	1	1	7	2	3	2	2	1	2		2	2												
184. Accidental injury by firearms	M	30						1	4	9	5	1	1	4	2	1	1			1									184
	F	4	1							2							1												
185. Accidental injury by cutting or piercing instruments	M	6					1		2	1								1							1				185
	F	1																	1										
186. Accidental injury by fall or crushing	M	337	1	2	1	2	1	5	4	8	11	8	4	11	7	18	23	16	20	22	27	52	39	39	13	3			186
	F	418	1					1			1		1	1	1	1	10	11	9	29	42	64	117	93	29	6	1		
188. Injury by animals	M	10					1	3	1				1							3	1								188
	F	5		1		1									1		1					1							
189. Hunger or thirst	M	2															1		1										189
190. Excessive cold	M	9											1			1	1		2	2				1		1			190
	F	2	1																			1							
191. Excessive heat	M	13	2						1			1					1		1	4		3							191
	F	12	2			1									1	1	1		1			1	1	1	2				

192. Lightning	M	12							1	3		2		1		2	3													192
193. Accidents due to electric currents	M	17						1		1	3	2	2	2	2	1		1	1										1	193
195. Other accidents	M	72	15	2	1	1		2	1	1	5	2	3	6	3	1	4	4	5	4		3	6	3						195
	F	58	9	1	2			2	1	1	1		1			1	1		1	1	7	10	10	6	3					
195A. Sequelae of preventive immunization, inoculation or vaccination	M	2						1						1																195A
	F	3	3																											
195B. Other accidents due to medical or surgical intervention	M	2															2													195B
195C. Lack of care of the new-born	M	1	1																											195C
195D. Obstruction, suffocation or puncture by ingested objects	M	27	13	2	1	1					1	1	1	1	1			2	2	1										195D
	F	14	6	1	2			1					1			1					1	1								
195E. Other and unspecified objects	M	40	1					1	1	1	4	1	2	5	1	1	2	2	3	3		3	6	3						195E
	F	41						1	1	1	1						1		1	1	6	9	10	6	3					
OPERATIONS OF WAR AND LEGAL EXECUTIONS-																														
198. Legal executions	M	2									1					1														198
CLASS XVIII.—ILL-DEFINED AND UNKNOWN CAUSES OF DEATH																														
Total		106	21	2	1		1	2	2	2	4	3	1	2	2	6	5	7	6	11	4	5	10	4	3	1	1			
	M	68	14	1				2	1	1	2	1		1	2	6	5	5	4	6	3	4	7	3						
	F	38	7	1	1		1		1	1	2	2	1	1				2	2	5	1	1	3	1	3	1	1			
199. Sudden death	M	15												1	1	1	2	1	2	1		1	4	1						199
	F	4																1	2	1										
200. Ill-defined and unknown causes	M	53	14	1				2	1	1	2	1			1	5	3	4	2	5	3	3	3	2						200
	F	34	7	1	1		1		1	1	2	2	1	1				1		4	1	1	3	1	3	1	1			
200A. Ill-defined	M	24	6												1	4	2	3	1	1	2	1	2	1						200A
	F	18	2	1	1							1	1	1				1		2	1	1	3	1	2					
200B. Found dead	M	7	1							1		1					1			2			1							200G
	F	1								1																				
200C. Unknown or unspecified cause	M	22	7	1				2	1		2					1		1	1	2	1	2		1						200C
	F	15	5				1		1		2	1								2					1	1	1			

SPECIAL CLASSES OF ACCIDENTAL DEATHS

(Included also under the numbers of the International List above)

ONTARIO, 1941

A. Accidental absorption of poisonous gas	M	10						1	1				2		2				3				1							A
	F	6		1		2		1			1		1																	
B. Accidental burns (conflagration excepted)	M	76	4	2	4	2	2	5	2	2	8	7	6	9	1	6	4	2	4	1	1	1	3							B
	F	32	1	2	1	1		5	2	1	1	3	4		1				1	1	2	2	2		2					
C. Accidental mechanical suffocation	M	4								1		1	1			1														C
D. Accidental drowning	M	102				1		1	5	13	11	21	8	6	7	9	6	2	5	6	1									D
	F	14						1	2	4	1			2	1	1			1		1									
E. Accidental cutting or piercing	M	17								1	1	1	2	3	1	2	2	2	1	1										E
	F	5			1							1	1	1	1															
F. Accidental fall	M	77	1			2	1	2	2	2	5	5	5	4	5	7	5	10	3	8	5	3	2							F
	F	7				2			1			1					1		2											
G. Accidental crushing	M	932	2	1	11	2	2	39	38	62	120	97	66	55	52	58	63	55	73	48	37	22	21	6					2	G
	F	176			2	4	3	25	7	12	11	9	7	9	9	5	5	12	15	16	6	9	5	2						

TABLE 36—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
DEATHS—ALL CAUSES														
Total	...	39226	4553	880	959	1315	2667	3	168	2117	6849	8295	2	11261
	M	21549	2633	610	683	843	1293	3	54	1075	4216	5607	1	4399
	F	17677	1920	270	276	472	1374	.....	114	1042	2633	2688	1	6862
CLASS I—INFECTIOUS AND PARASITIC DISEASES														
Total	...	2319	520	181	195	116	68	.....	31	283	399	210	.....	305
	M	1346	272	99	134	83	31	.....	4	136	292	154	.....	132
	F	973	248	82	61	33	37	.....	27	147	107	56	.....	173
1. Typhoid fever	M	13	1	5	3	.....	.....	.....	.....	2	1	1	.....	.....
	F	5	2	.....	1	.....	.....	.....	.....	.....	1	.....	.....	1
2. Paratyphoid fever	M	3	1	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
	F	2	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
5. Undulant fever	M	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
6. Cerebrospinal meningitis	M	44	15	8	3	.....	1	.....	1	4	7	5	.....	.....
	F	16	6	2	.....	.....	.....	.....	.....	1	4	.....	.....	3
8. Scarlet fever	M	23	11	8	1	.....	1	.....	.....	1	.....	.....	.....	1
	F	15	11	3	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
9. Whooping-cough	M	53	53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	47	46	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
10. Diphtheria	M	7	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	7	6	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11. Erysipelas	M	8	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	5
	F	7	2	.....	.....	1	.....	.....	.....	.....	1	1	.....	2
12. Tetanus	M	4	2	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
	F	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13–22. Tuberculosis	M	642	42	59	99	54	13	.....	2	96	160	56	.....	57
	F	458	62	63	52	20	7	.....	26	111	52	13	.....	52
13. Tuberculosis of the respiratory system	M	574	18	49	95	50	13	.....	1	90	147	53	.....	54
	F	394	35	58	46	18	6	.....	23	102	45	12	.....	49
13A. With mention of occupational diseases of lungs	M	32	.....	.....	5	1	.....	.....	.....	4	14	3	.....	5
13B. Without mention of occupational diseases of lungs	M	517	18	49	79	44	11	.....	1	83	131	49	.....	48
	F	379	34	58	43	14	6	.....	22	101	43	12	.....	46
13C. Unspecified site	M	7	.....	.....	.....	2	.....	.....	.....	2	1	1	.....	1
	F	4	1	.....	.....	1	.....	.....	1	.....	.....	.....	.....	1
13D. Without mention of dementia praecox	M	18	.....	.....	11	3	2	.....	.....	1	1	.....	.....	.....
	F	11	.....	.....	3	3	.....	.....	.....	1	2	.....	.....	2
14. Tuberculosis of the meninges and central nervous system	M	26	18	3	1	.....	.....	.....	.....	3	1	.....	.....	.....
	F	30	20	3	2	.....	.....	.....	1	2	2	.....	.....	.....
15. Tuberculosis of the intestines and peritoneum	M	7	2	1	.....	.....	.....	.....	.....	.....	4	.....	.....	.....
	F	10	1	2	.....	.....	1	.....	2	4	.....	.....	.....	.....
16. Tuberculosis of the vertebral column	M	7	.....	.....	3	1	.....	.....	.....	1	.....	1	.....	1
	F	3	.....	.....	.....	1	.....	.....	.....	2	.....	.....	.....	.....
17. Tuberculosis of other bones and joints	M	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
	F	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
17B. Joints	M	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
	F	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
19. Tuberculosis of the lymphatic system (bronchial, mesenteric, mediastinal and retroperitoneal glands excepted	M	3	1	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....
	F	6	2	.....	.....	1	.....	.....	.....	.....	2	1	.....	.....
20. Tuberculosis of the genito-urinary system	M	9	.....	2	.....	.....	.....	.....	.....	1	4	1	.....	1
	F	4	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	2
21. Tuberculosis of other organs	F	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
22. Disseminated tuberculosis	M	14	3	4	.....	2	.....	.....	1	1	2	1	.....	.....
	F	8	4	.....	3	.....	.....	.....	.....	1	.....	.....	.....	.....

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1941

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
157	28831	7042	949	2253	151	3790	3216	3496	3358	3320	3233	3092	2865	2878	3232	3226	3520	
132	15452	3900	526	1542	129	2010	1725	1938	1806	1787	1750	1703	1635	1639	1775	1777	2004	
25	13379	3142	423	711	22	1780	1491	1558	1552	1533	1483	1389	1230	1239	1457	1449	1516	
11	1722	326	40	216	15	357	216	218	200	190	169	179	138	133	169	161	189	
9	907	222	26	179	12	192	117	128	124	123	104	104	84	71	96	94	109	
2	815	104	14	37	3	165	99	90	76	67	65	75	54	62	73	67	80	
....	9	1	....	1	2	....	....	....	....	2	1	1	3	1	4	....	1	1
....	3	2	....	....	....	....	....	....	....	....	....	1	1	....	2	....	1	
....	2	....	....	1	....	....	....	....	....	1	....	....	....	....	1	....	1	2
....	2	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	
....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	5
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	
....	37	5	1	1	....	4	6	5	7	6	4	2	....	1	1	2	6	6
....	14	2	....	....	....	3	....	4	1	1	....	2	3	1	....	....	1	
....	23	....	....	....	....	3	5	2	2	2	....	1	1	1	2	4	....	8
....	14	....	1	....	....	....	....	2	6	1	....	....	1	....	....	1	4	
....	53	....	....	....	....	5	5	8	....	2	4	4	8	4	6	6	1	9
....	45	....	1	1	....	2	7	1	2	....	3	4	3	6	3	7	9	
....	7	....	....	....	....	....	....	....	4	....	....	....	....	1	....	....	2	10
....	7	....	....	....	....	1	....	1	....	1	....	....	....	2	....	....	2	
....	7	1	....	....	....	2	....	1	....	1	3	....	1	....	....	....	....	11
....	6	1	....	....	....	....	....	2	2	2	1	....	....	....	....	....	....	
....	3	1	....	....	....	....	....	....	....	2	1	1	....	....	....	....	....	12
....	3	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	1	
4	376	128	14	120	4	58	47	64	67	66	54	60	45	30	52	49	50	13–22
....	373	56	8	20	1	41	35	41	36	41	38	48	26	35	41	37	39	
4	326	118	14	112	4	52	41	54	63	58	49	53	37	30	45	45	47	13
....	315	51	8	19	1	38	28	32	31	34	30	43	22	32	38	34	32	
....	9	13	2	8	....	4	1	3	3	6	3	2	1	....	3	4	2	13A
4	301	103	10	100	3	43	39	49	59	48	41	47	36	30	41	40	44	13B
....	305	47	8	18	1	37	25	30	31	32	30	42	22	31	37	32	30	
....	5	1	....	1	....	2	....	....	....	1	1	1	....	....	....	1	1	13C
....	4	....	....	....	....	1	1	1	....	....	....	....	....	....	....	1	....	
....	11	1	2	3	1	3	1	2	1	3	4	3	....	....	1	....	....	13D
....	6	4	....	1	....	....	2	1	....	2	....	1	....	1	1	1	2	
....	22	2	....	2	....	5	1	6	2	3	1	2	2	....	2	1	1	14
....	30	....	....	....	....	1	3	2	3	3	4	3	4	1	1	2	3	
....	5	1	....	1	....	....	....	1	1	2	....	1	1	....	1	....	....	15
....	8	1	....	1	....	1	2	2	1	1	1	....	....	....	1	....	1	
....	6	....	....	1	....	1	....	1	....	1	1	1	1	....	1	....	....	16
....	2	1	....	....	....	....	....	1	....	1	....	....	....	....	1	....	....	
....	1	....	....	1	....	....	2	....	....	....	....	....	....	....	....	....	....	17
....	2	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	
....	1	....	....	1	....	....	2	....	....	....	....	....	....	....	....	....	....	17B
....	2	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	
....	2	1	....	....	....	....	....	....	....	....	1	....	1	....	....	1	....	19
....	4	2	....	....	....	....	....	....	1	1	....	1	....	2	....	....	1	
....	5	3	....	1	....	....	1	1	....	1	....	1	2	....	1	1	1	20
....	3	1	....	....	....	1	....	....	....	1	1	....	....	....	....	....	1	
....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	21
....	9	3	....	2	....	....	2	1	1	1	2	2	1	....	2	1	1	22
....	8	....	....	....	....	....	1	3	....	....	2	1	....	....	....	....	1	

TABLE 36—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
22A. Acute generalized miliary	M	11	1	3	.....	2	.....	.....	1	1	2	1	.....	.....
	F	6	3	.....	2	.....	.....	.....	.....	1	.....	.....	.....	.....
22B Other and unspecified generalized	M	3	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	2	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
24. Purulent infection and septicaemia	M	13	6	1	3	.....	.....	.....	.....	3	.....	.....	.....	.....
	F	9	1	.....	.....	1	1	.....	.....	3	1	.....	.....	2
25. Gonococcus infection	M	2	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
	F	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27. Dysentery	M	17	12	1	1	.....	.....	.....	.....	1	.....	1	.....	1
	F	20	11	.....	.....	1	1	.....	.....	.....	2	1	.....	4
30. Syphilis	M	205	10	3	15	22	6	.....	.....	15	70	33	.....	27
	F	66	11	2	2	.....	3	.....	.....	9	19	5	.....	14
30A. Locomotor ataxia (tabes dorsalis)	M	11	.....	.....	.....	2	1	.....	.....	1	3	3	.....	1
	F	4	.....	.....	.....	.....	1	.....	.....	.....	1	1	.....	1
30B General paralysis of the insane	M	43	.....	1	6	6	1	.....	.....	4	15	6	.....	3
	F	11	.....	.....	.....	.....	.....	.....	.....	2	7	.....	.....	1
30C. Other syphilis of the central nervous system	M	17	.....	.....	3	1	1	.....	.....	2	6	2	.....	2
	F	6	.....	.....	1	.....	.....	.....	.....	1	2	.....	.....	2
30D. Others under this title	M	134	10	2	6	13	3	.....	.....	8	46	22	.....	21
	F	45	11	2	1	.....	2	.....	.....	6	9	4	.....	10
32. Other diseases due to spirochaetes	M	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
33. Influenza	M	227	81	6	6	6	10	.....	1	4	27	52	.....	34
	F	238	63	4	1	7	23	.....	1	9	17	29	.....	83
33A. With respiratory complications	M	143	43	3	3	4	8	.....	1	2	23	35	.....	21
	F	154	35	2	1	5	17	.....	.....	6	16	16	.....	56
33B. Without respiratory complications	M	84	38	3	3	2	2	.....	.....	2	4	17	.....	13
	F	84	28	2	.....	2	6	.....	1	3	1	13	.....	27
35. Measles	M	21	18	.....	.....	1	.....	.....	.....	1	1	.....	.....	.....
	F	22	16	1	.....	.....	.....	.....	.....	4	.....	.....	.....	1
36. Acute poliomyelitis and polioencephalitis	M	5	2	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
	F	5	2	.....	1	.....	.....	.....	.....	1	1	.....	.....	.....
37. Acute infectious encephalitis	M	11	.....	1	1	.....	.....	.....	.....	.....	6	2	.....	1
	F	14	.....	3	2	1	.....	.....	.....	2	2	1	.....	3
38. Other diseases due to filterable viruses	M	3	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
	F	4	2	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....
38B. German measles	M	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
	F	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
38C. Chicken-pox	M	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
38D. Others under this title	M	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
	F	2	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....
43. Mycoses	M	5	1	.....	.....	.....	.....	.....	.....	1	2	.....	.....	1
	F	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
44. Other infectious and parasitic diseases	M	38	6	3	2	.....	.....	.....	.....	7	12	3	.....	4
	F	31	1	2	2	1	1	.....	.....	4	6	6	.....	8
44B. Lymphogranulomatosis (Hodgkin's disease)	M	36	6	3	2	.....	.....	.....	.....	7	12	3	.....	2
	F	26	.....	2	1	1	1	.....	.....	4	4	5	.....	8
44C. Mumps	M	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
	F	5	1	.....	1	.....	.....	.....	.....	.....	2	1	.....	.....
CLASS II.—CANCER and OTHER TUMOURS														
Total	...	5078	37	34	66	243	337	.....	7	338	1397	1184	.....	1421
	M	2426	25	19	24	103	144	.....	2	133	668	783	.....	514
	F	2652	12	15	42	140	193	.....	5	205	729	401	.....	907
45-55. Cancer and other malignant tumours	M	2367	21	16	22	102	143	.....	2	117	651	775	.....	507
	F	2564	9	12	40	138	188	.....	4	185	698	398	.....	889
45 Cancer of the buccal cavity and pharynx	M	139	.....	1	1	8	11	.....	.....	4	25	43	.....	45
	F	27	.....	.....	.....	1	4	.....	.....	.....	6	5	.....	10

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1941—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	6	3	....	2	....	....	....	1	1	1	1	2	1	....	2	1	1	22A
....	6	....	....	....	....	....	1	2	....	....	2	1	....	....	....	....	....	
....	3	....	....	....	....	....	2	....	....	....	1	....	....	....	....	....	....	22B
....	2	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	
....	11	1	....	1	....	....	....	1	1	3	3	....	2	1	....	2	....	24
....	8	1	....	....	....	2	1	....	....	....	....	1	2	2	....	....	1	
....	2	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	25
....	2	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	
....	16	1	....	....	....	....	1	....	2	1	2	1	....	5	4	....	1	27
....	16	2	....	2	....	1	....	1	....	....	2	1	5	3	7	....	....	
4	104	47	5	45	4	19	16	14	17	15	20	21	17	18	17	10	21	30
1	51	10	1	4	....	9	5	5	4	4	9	6	3	2	6	6	7	
....	6	1	1	3	....	2	1	....	1	1	1	2	2	....	....	....	1	30A
....	3	1	....	....	....	1	1	....	....	....	....	....	....	....	....	1	1	
1	23	6	1	11	2	5	....	4	5	3	3	5	1	3	5	2	7	30B
1	10	1	....	....	....	1	....	1	....	2	1	2	....	1	1	....	2	
....	5	6	1	5	....	1	2	....	....	....	4	1	2	3	2	....	2	30C
....	5	1	....	....	....	....	....	....	....	....	1	1	....	1	2	....	1	
3	70	34	2	26	2	11	13	10	11	11	12	13	12	12	10	8	11	30D
....	33	7	1	4	....	7	4	4	4	2	7	3	3	....	3	5	3	
....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	32
....	195	25	2	4	1	90	32	25	15	10	6	5	2	3	8	11	20	33
1	206	24	1	5	2	97	40	30	15	8	7	5	1	4	9	14	8	
....	118	21	....	4	....	61	19	15	8	7	1	4	1	3	3	7	14	33A
....	134	17	....	3	....	72	25	13	9	5	6	3	....	1	6	10	4	
....	77	4	2	....	1	29	13	10	7	3	5	1	1	....	5	4	6	33B
1	72	7	1	2	2	25	15	17	6	3	1	2	1	3	3	4	4	
....	20	....	....	....	1	6	1	2	3	7	1	1	....	....	....	....	....	35
....	22	....	....	....	....	2	4	1	5	5	1	1	1	....	....	1	1	
....	4	....	1	....	....	....	....	....	....	....	1	....	....	2	....	2	....	36
....	5	....	....	....	....	....	....	....	....	....	....	....	3	1	1	....	....	
....	7	3	1	....	....	....	2	1	1	1	2	....	....	....	1	3	....	37
....	11	3	....	....	....	2	2	....	2	1	....	2	1	2	1	....	1	
....	1	2	....	....	....	....	....	1	1	....	....	1	....	....	....	....	....	38
....	4	....	....	....	....	2	1	....	1	....	....	....	....	....	....	....	....	
....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	38B
....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	
....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	38C
....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	
....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	38D
....	2	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	
....	4	1	....	....	....	....	....	1	....	....	....	2	....	1	....	....	1	43
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	
1	25	6	2	5	....	3	2	3	4	3	2	4	5	2	....	5	5	44
....	21	3	2	5	....	2	4	2	2	2	3	4	4	2	2	....	4	
1	23	6	2	5	....	3	2	3	4	2	2	4	5	1	....	5	5	44B
....	17	2	2	5	....	2	3	2	2	2	3	2	4	1	2	....	3	
....	2	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	44C
....	4	1	....	....	....	....	1	....	....	....	....	2	....	1	....	....	1	
14	3311	1312	101	345	9	445	367	383	428	393	477	423	417	420	447	431	447	
11	1500	643	47	227	9	220	162	183	198	183	227	199	207	209	211	223	204	
3	1811	669	54	118	....	225	205	200	230	210	250	224	210	211	236	208	243	
11	1462	630	46	220	9	212	154	180	194	180	220	194	202	206	205	219	201	45–55
3	1750	651	51	112	....	220	199	197	220	201	240	218	203	207	227	200	232	
1	98	34	4	3	....	17	13	15	8	8	9	16	18	6	9	11	9	45
1	18	8	....	1	....	5	....	2	3	1	5	2	2	2	....	1	4	

TABLE 36—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
46. Cancer of the digestive organs and peritoneum.	M	1304	1	4	9	50	84	.....	.....	62	348	453	.....	287
	F	1126	1	1	8	43	104	.....	1	46	261	200	.....	460
46A. Oesophagus	M	65	.....	.....	1	3	3	.....	.....	3	11	24	.....	19
	F	38	.....	.....	.....	2	3	.....	.....	2	13	6	.....	12
46B. Stomach	M	539	1	.....	4	20	31	.....	.....	26	140	195	.....	119
	F	326	.....	.....	.....	8	34	.....	1	10	68	63	.....	141
46C. Duodenum	M	4	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	1
	F	9	.....	.....	.....	.....	2	.....	.....	.....	1	1	.....	5
46D. Rectum and anus	M	167	.....	.....	1	8	12	.....	.....	7	45	60	.....	33
	F	115	.....	.....	2	5	11	.....	.....	4	32	20	.....	41
46E. Intestines	M	323	.....	3	3	9	23	.....	.....	17	90	100	.....	77
	F	365	.....	1	4	18	35	.....	.....	19	84	60	.....	144
46F. Liver and biliary passages	M	98	.....	1	.....	5	7	.....	.....	4	25	38	.....	18
	F	171	.....	.....	1	6	13	.....	.....	6	34	35	.....	76
46G. Pancreas	M	94	.....	.....	.....	5	6	.....	.....	3	31	33	.....	16
	F	82	.....	.....	.....	3	5	.....	.....	2	24	11	.....	37
46H. Mesentery and peritoneum	M	9	.....	.....	.....	.....	.....	.....	.....	1	4	2	.....	2
	F	16	1	.....	.....	.....	1	.....	.....	3	5	3	.....	3
46M. Other and unspecified sites	M	5	.....	.....	.....	.....	2	.....	.....	.....	.....	1	.....	2
	F	4	.....	.....	1	1	.....	.....	.....	.....	.....	1	.....	1
47. Cancer of the respiratory system	M	211	1	1	4	18	7	.....	.....	15	102	32	.....	31
	F	65	.....	.....	2	5	6	.....	.....	8	21	10	.....	13
47A. Larynx	M	32	.....	.....	.....	3	2	.....	.....	.....	12	10	.....	5
	F	10	.....	.....	1	.....	.....	.....	.....	1	5	.....	.....	3
47B. Lung	M	125	1	1	3	10	3	.....	.....	10	61	20	.....	16
	F	44	.....	.....	1	5	4	.....	.....	5	13	7	.....	9
47C. Mediastinum and other sites	M	54	.....	.....	1	5	2	.....	.....	5	29	2	.....	10
	F	11	.....	.....	.....	.....	2	.....	.....	2	3	3	.....	1
48. Cancer of the uterus	F	362	.....	.....	5	15	18	.....	1	50	117	47	.....	108
48A. Cervix	F	163	.....	.....	2	5	4	.....	1	38	59	11	.....	43
48B. Other and unspecified sites	F	199	.....	.....	3	10	14	.....	.....	12	58	36	.....	65
49. Cancer of other female organs	F	174	.....	3	6	13	6	.....	1	20	52	30	.....	43
50. Cancer of the breast	M	6	.....	.....	.....	.....	.....	.....	.....	1	3	1	.....	1
	F	536	.....	.....	17	44	29	.....	.....	40	177	68	.....	161
51. Cancer of the male genital organs	M	276	1	2	3	10	19	.....	.....	6	41	124	.....	68
52. Cancer of the urinary organs	M	170	6	.....	.....	4	12	.....	.....	3	47	60	.....	37
	F	77	1	1	.....	5	5	.....	.....	1	13	17	.....	34
52A. Kidney	M	38	6	.....	.....	.....	2	.....	.....	3	12	13	.....	1
	F	16	1	1	.....	.....	1	.....	.....	1	3	2	.....	7
52A. Bladder	M	132	.....	.....	.....	4	10	.....	.....	.....	35	47	.....	36
	F	61	.....	.....	.....	5	4	.....	.....	.....	10	15	.....	27
53. Cancer of the skin	M	62	.....	.....	.....	4	2	.....	.....	3	10	24	.....	19
	F	31	.....	.....	.....	1	3	.....	.....	1	2	4	.....	20
54. Cancer of the brain	M	49	4	3	1	1	.....	.....	.....	12	20	4	.....	4
	F	32	4	3	.....	2	.....	.....	1	6	13	1	.....	2
55. Cancer of other and unspecified organs	M	150	8	5	4	7	8	.....	2	11	55	34	.....	15
	F	134	3	4	2	9	13	.....	.....	13	36	16	.....	38
56. Non-malignant tumours	M	38	3	2	2	.....	1	.....	.....	10	9	5	.....	6
	F	71	2	3	2	2	4	.....	1	17	25	1	.....	14
56A. Ovary	F	21	.....	.....	1	.....	1	.....	1	8	5	.....	.....	5
56B. Uterus	F	25	.....	.....	1	1	1	.....	.....	6	12	.....	.....	4
56C. Other female genital organs	F	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
56D. Brain and other parts of the central nervous system	M	22	1	2	2	.....	.....	.....	.....	5	6	2	.....	4
	F	13	2	1	.....	1	1	.....	.....	1	5	.....	.....	2
56E. Other and unspecified organs	M	16	2	.....	.....	.....	1	.....	.....	5	3	3	.....	2
	F	11	.....	2	.....	.....	1	.....	.....	2	2	1	.....	3
57. Tumours of undetermined nature	M	21	1	1	.....	1	.....	.....	.....	6	8	3	.....	1
	F	17	1	.....	.....	.....	1	.....	.....	3	6	2	.....	4
57D. Brain and other parts of the central nervous system	M	15	1	1	.....	1	.....	.....	.....	6	6	.....	.....	.....
	F	10	1	.....	.....	.....	.....	.....	.....	3	4	1	.....	1
57E. Other and unspecified organs	M	6	.....	.....	.....	.....	.....	.....	.....	.....	2	3	.....	1
	F	1	.....	.....	.....	.....	1	.....	.....	.....	2	1	.....	3

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1941—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
6	781	366	29	122	6	119	77	100	116	96	119	106	126	115	120	108	102	46
1	749	302	19	56	....	100	88	92	87	94	97	89	92	85	110	91	101	
1	29	27	1	7	1	5	3	8	8	2	2	5	12	8	6	4	2	46A
....	20	14	1	3	....	2	3	3	1	4	3	4	3	5	3	4	3	
3	306	161	13	57	2	52	34	36	51	46	49	51	45	49	48	40	38	46B
1	213	91	3	19	....	22	28	23	26	26	26	33	22	28	39	30	23	
....	3	....	....	1	....	1	....	....	....	1	....	1	....	....	1	....	....	46C
....	3	3	3	....	....	1	....	2	2	....	....	1	....	....	....	2	1	
1	112	39	3	13	....	13	8	14	20	8	15	9	18	13	21	13	15	46D
....	79	29	1	6	....	12	6	8	10	10	10	6	13	11	13	8	8	
1	218	85	6	13	1	31	21	28	18	24	32	28	36	22	22	29	32	46E
....	247	95	6	17	....	29	32	29	27	31	31	23	31	27	30	33	42	
....	53	27	1	16	1	6	4	6	6	9	11	7	10	14	9	10	6	46F
....	116	45	3	7	....	16	11	19	17	20	16	12	15	7	17	8	13	
....	54	21	4	14	1	9	6	8	11	6	8	4	3	8	11	12	8	46G
....	58	18	2	4	....	16	6	7	4	3	8	7	7	5	5	5	9	
....	2	5	1	1	....	2	....	....	1	....	1	1	1	1	2	....	....	46H
....	10	6	....	....	....	1	2	1	....	....	1	3	1	1	3	1	2	
....	4	1	....	....	....	....	1	....	1	....	1	....	1	....	....	....	1	46M
....	3	1	....	....	....	1	....	....	....	....	2	....	....	1	....	....	....	
....	77	87	1	45	1	14	16	15	18	15	24	15	10	18	26	22	18	47
....	39	22	....	4	....	3	4	5	8	8	6	5	5	3	4	4	10	
....	18	8	....	6	....	2	4	1	4	2	2	3	....	6	3	3	2	47A
....	7	1	....	2	....	....	2	2	....	....	1	1	....	1	2	1	....	
....	43	47	1	33	1	8	9	10	10	9	18	7	4	8	15	15	12	47B
....	24	18	....	2	....	2	2	2	7	6	4	1	5	2	2	3	8	
....	16	32	....	6	....	4	3	4	4	4	4	5	6	4	8	4	4	47C
....	8	3	....	....	....	1	....	1	1	2	1	3	....	....	....	....	2	
1	237	90	12	23	....	30	26	21	36	28	32	40	29	38	30	21	31	48
....	101	43	7	12	....	16	13	12	12	16	15	17	12	16	13	7	14	48A
1	136	47	5	11	....	14	13	9	24	12	17	23	17	22	17	14	17	48B
....	130	32	4	8	....	10	13	14	17	9	21	12	17	15	17	16	13	49
....	3	2	....	1	....	....	....	....	2	1	2	....	....	....	1	....	....	50
....	372	139	13	12	....	48	50	42	42	35	58	35	39	40	53	47	47	
2	209	49	5	13	....	31	22	18	17	14	25	23	20	28	19	31	28	51
1	114	42	2	11	1	15	10	10	14	19	15	10	16	11	13	21	16	52
....	61	14	....	2	....	6	3	7	9	7	4	9	4	7	4	9	8	
1	22	10	1	4	1	5	....	....	3	2	3	3	6	6	....	7	3	52A
....	11	4	....	1	....	2	....	1	1	1	1	3	2	1	1	2	1	
....	92	32	1	7	....	10	10	10	11	17	12	7	10	5	13	14	13	52B
....	50	10	....	1	....	4	3	6	8	6	3	6	2	6	3	7	7	
....	42	15	1	3	1	2	3	5	5	9	8	5	3	6	6	3	7	53
....	25	6	....	....	....	2	4	1	2	3	2	3	1	3	4	3	3	
....	36	9	1	3	....	5	2	5	4	3	7	3	2	4	5	3	6	54
....	27	4	1	....	....	3	3	2	1	5	....	7	2	4	1	2	2	
1	102	26	3	19	....	9	11	12	10	15	11	16	7	18	6	20	15	55
....	92	34	2	6	....	13	8	11	15	11	15	16	12	10	4	6	13	
....	23	8	1	6	....	3	5	....	4	3	6	1	4	2	5	3	2	56
....	49	15	2	5	....	5	5	3	9	9	6	6	6	3	6	7	6	
....	17	3	1	....	....	....	1	....	5	6	2	1	1	1	2	2	....	56A
....	14	6	1	4	....	2	1	1	3	2	2	3	3	....	3	2	3	56B
....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	56C
....	11	7	....	4	....	2	4	....	1	2	4	....	4	1	3	....	1	56D
....	10	3	....	....	....	1	1	1	....	1	1	1	2	1	1	1	2	
....	12	1	1	2	....	1	1	....	3	1	2	1	....	1	2	3	1	56E
....	7	3	....	1	....	1	2	1	1	....	1	1	....	1	....	2	1	
....	15	5	....	1	....	5	3	3	....	....	1	4	1	1	1	1	1	57
....	12	3	1	1	....	....	1	....	1	....	4	....	1	1	3	1	5	
....	11	3	....	1	....	4	3	2	....	....	1	2	1	1	1	....	....	57D
....	5	3	1	1	....	....	....	....	1	....	3	....	1	1	1	....	3	
....	4	2	....	....	....	1	....	1	....	....	....	2	....	....	....	1	1	57E
....	7	....	....	....	....	....	1	....	....	....	1	....	....	....	2	1	2	

TABLE 36—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
CLASS III.—RHEUMATISM, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS, OTHER GENERAL AND VITAMIN DEFICIENCY DISEASES.														
Total	...	1336	95	33	38	48	62	.....	3	65	296	317	.....	374
	M	528	57	15	23	24	25	.....	.....	28	113	153	.....	87
	F	808	38	18	15	24	37	.....	3	37	183	164	.....	287
58. Acute rheumatic fever	M	56	18	6	9	3	.....	.....	.....	10	4	4	.....	2
	F	43	13	7	3	1	.....	.....	1	11	3	1	.....	3
58A. Acute rheumatic heart conditions	M	51	17	5	9	2	.....	.....	.....	10	4	2	.....	2
	F	35	12	7	3	1	.....	.....	1	9	1	.....	.....	1
58B. Others under this title	M	5	1	1	.....	1	.....	.....	.....	.....	.....	2	.....	.....
	F	8	1	.....	.....	.....	.....	.....	.....	2	2	1	.....	2
59. Chronic rheumatism and other rheumatic diseases	M	18	.....	1	2	.....	1	.....	.....	.....	2	10	.....	2
	F	41	.....	.....	1	1	9	.....	.....	1	3	5	.....	21
60. Gout	M	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
61. Diabetes mellitus	M	361	4	3	6	15	22	.....	.....	7	91	132	.....	78
	F	511	1	5	3	11	17	.....	1	9	122	126	.....	215
62. Diseases of the pituitary gland	M	2	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
	F	3	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1
63. Diseases of the thyroid and parathyroid glands	M	45	.....	1	6	6	2	.....	.....	6	14	6	.....	4
	F	171	1	4	6	8	11	.....	1	12	52	31	.....	45
63A. Simple goitre	M	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1
	F	7	.....	.....	1	.....	.....	.....	.....	.....	1	2	.....	3
63B. Exophthalmic goitre	M	40	.....	1	5	5	1	.....	.....	5	14	6	.....	3
	F	146	.....	4	3	7	9	.....	1	11	48	25	.....	38
63C. Myxoedema and cretinism	M	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
	F	14	1	.....	2	1	2	.....	.....	.....	1	3	.....	4
63D. Others under this title	M	2	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....
	F	4	.....	.....	.....	.....	.....	.....	.....	1	2	1	.....	.....
64. Diseases of the thymus gland	M	30	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	21	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
65. Diseases of the adrenal glands (Addison's disease)	M	8	1	2	.....	.....	.....	.....	.....	2	2	1	.....	.....
	F	5	.....	.....	1	2	.....	.....	.....	1	1	.....	.....	.....
66. Other general diseases	M	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	9	2	1	.....	1	.....	.....	.....	.....	2	.....	.....	2
66A. Osteomalacia	M	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	2	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....
66B. Others under this title	F	7	2	1	.....	.....	.....	.....	.....	.....	1	.....	.....	2
67. Scurvy	F	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
68. Beriberi	M	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1
69. Pellagra	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
70. Rickets	M	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71. Other vitamin deficiency diseases	M	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	2	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS														
Total	...	365	42	17	7	10	17	.....	1	24	84	78	.....	85
	M	185	21	10	4	5	10	.....	.....	14	44	46	.....	31
	F	180	21	7	3	5	7	.....	1	10	40	32	.....	54
72. Haemorrhagic conditions	M	9	7	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
	F	8	2	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	2
72A. Primary purpura	M	6	4	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
	F	7	1	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	2
72B. Haemophilia	M	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
73. Anaemias	M	74	.....	.....	1	1	9	.....	.....	2	12	28	.....	21
	F	89	1	3	1	4	6	.....	.....	2	13	20	.....	39
73A. Pernicious anaemia	M	59	.....	.....	1	1	7	.....	.....	.....	7	24	.....	19
	F	60	.....	.....	1	4	5	.....	.....	.....	10	16	.....	24

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1941—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
5	1014	207	26	86	3	123	105	126	104	124	110	105	84	106	120	109	120	
3	413	64	11	38	2	50	42	44	44	45	43	43	31	47	45	43	51	
2	601	143	15	48	1	73	63	82	60	79	67	62	53	59	75	66	69	
...	47	6	...	3	...	6	5	5	5	9	5	3	1	3	4	2	8	58
...	37	5	1	...	...	4	7	4	3	4	2	3	3	3	2	5	4	
...	42	6	...	3	...	6	3	5	5	8	4	3	1	3	4	2	7	58A
...	32	2	1	...	...	2	5	4	3	3	2	3	3	2	1	4	3	
...	5	...	...	...	...	...	2	...	...	1	1	...	...	...	...	...	1	58B
...	5	3	...	...	...	2	2	...	...	1	...	...	...	...	1	1	1	
...	15	3	...	...	...	1	1	2	3	1	1	1	...	3	1	2	2	59
...	31	9	...	1	...	4	5	2	3	2	5	4	5	2	4	2	3	
...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	60
3	269	51	9	30	2	36	28	27	27	28	27	34	29	31	34	28	32	61
1	356	106	11	37	1	47	37	55	37	53	43	35	32	37	49	37	49	
...	2	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	62
...	3	...	...	...	...	...	...	...	...	1	...	...	1	...	1	...	...	
...	38	1	1	5	...	4	4	5	5	5	5	3	...	5	1	5	3	63
...	136	23	3	9	...	15	13	15	16	17	14	15	8	10	18	18	12	
...	1	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	1	63A
...	7	...	...	...	...	2	1	...	1	...	...	2	...	...	...	1	...	
...	34	1	1	4	...	3	3	5	4	5	5	3	...	4	1	5	2	63B
...	117	17	3	9	...	13	8	14	15	14	12	12	8	9	16	16	9	
...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	63C
...	8	6	...	...	...	...	4	1	...	2	1	...	...	1	2	1	2	
...	2	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	63D
...	4	...	...	...	...	...	...	...	...	1	1	1	...	...	...	...	1	
...	30	...	...	...	...	2	3	2	2	2	4	1	1	3	3	2	5	64
...	21	...	...	...	...	...	...	1	1	1	2	3	3	5	...	4	1	
...	5	2	1	...	...	1	...	2	1	...	...	...	...	...	2	1	1	65
...	4	...	...	1	...	1	...	2	...	...	1	...	...	1	...	...	...	
...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	66
1	9	...	...	...	...	2	...	3	...	1	...	2	...	...	1	...	...	
...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	66A
...	2	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	
1	7	...	...	...	...	...	...	...	...	1	...	1	...	...	1	...	...	66B
...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	67
...	1	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	68
...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	69
...	2	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	70
...	2	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	71
...	2	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	
...	268	73	5	19	...	40	37	26	33	34	30	24	20	22	33	30	36	
...	134	37	2	12	...	17	19	16	17	14	15	12	8	13	22	12	20	
...	134	36	3	7	...	23	18	10	16	20	15	12	12	9	11	18	16	
...	8	...	1	...	...	...	1	1	1	...	1	2	...	...	1	1	1	71
...	6	2	...	...	...	1	1	...	1	3	...	1	...	...	...	1	...	
...	5	...	1	...	...	...	...	...	1	...	1	2	...	...	...	1	1	72A
...	5	...	...	...	...	1	1	...	1	2	...	1	...	...	...	1	...	
...	3	...	...	...	...	...	1	1	...	...	...	...	...	...	1	...	...	72B
...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	
...	55	17	1	1	...	8	10	6	6	11	3	4	3	5	5	3	10	73
...	65	21	2	1	...	12	11	4	10	9	10	7	2	6	3	9	6	
...	45	12	1	1	...	5	9	4	5	10	3	3	3	3	3	2	9	73A
...	42	16	1	1	...	7	9	3	9	7	6	4	1	4	3	4	3	

TABLE 36—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
73B. Others under this title..	M	15	.....	.....	.....	.....	2	.....	.....	2	5	4	.....	2
	F	29	1	3	.....	.....	1	.....	.....	2	3	4	.....	15
74. Leukaemias and aleukaemias.....	M	96	14	8	3	4	1	.....	.....	10	30	16	.....	10
	F	72	16	4	2	1	1	.....	.....	8	19	9	.....	12
74A. Leukaemias.....	M	88	12	7	2	4	1	.....	.....	10	29	14	.....	9
	F	69	14	4	2	1	1	.....	.....	8	18	9	.....	12
74B. Aleukaemias (Hodgkin's disease excepted)....	M	8	2	1	1	.....	.....	.....	.....	.....	1	2	.....	1
	F	3	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
75. Diseases of the spleen...	M	6	.....	1	.....	.....	.....	.....	.....	2	2	1	.....	.....
	F	7	1	.....	.....	.....	.....	.....	.....	.....	3	2	.....	1
76. Other diseases of the blood and blood-forming organs.....	F	4	1	.....	.....	.....	.....	.....	1	.....	1	1	.....	.....
CLASS V.—CHRONIC POISONING AND INTOXICATION														
Total.....	...	36	1	1	4	3	2	.....	.....	5	12	1	.....	5
	M	29	.....	1	1	3	2	.....	.....	5	9	1	.....	5
	F	7	1	.....	3	.....	.....	.....	.....	.....	3	.....	.....	.....
77. Alcoholism.....	M	23	.....	1	1	2	2	.....	.....	4	6	1	.....	4
	F	4	.....	.....	1	.....	.....	.....	.....	.....	3	.....	.....	.....
77A. Acute alcoholism.....	M	9	.....	1	.....	1	.....	.....	.....	1	3	.....	.....	1
	F	4	.....	.....	1	.....	.....	.....	.....	.....	3	.....	.....	.....
77B. Chronic alcoholism.....	M	3	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	1
77C. Others under this title..	M	11	.....	.....	.....	1	1	.....	.....	3	3	1	.....	2
78. Lead poisoning.....	M	2	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....
	F	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
78A. Occupational-.....	M	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
78B. Non-occupational.....	M	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
	F	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
79. Chronic poisoning by other mineral and organic substances....	M	4	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	1
	F	2	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
79A. Occupational.....	M	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
79B. Non-occupational.....	M	3	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....
	F	2	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS														
Total.....	...	4538	136	59	61	138	351	.....	5	108	728	1263	.....	1670
	M	2129	75	39	45	77	148	.....	2	42	379	773	.....	533
	F	2409	61	20	16	61	203	.....	3	66	349	490	.....	1137
80. Encephalitis (non-epidemic).....	M	25	11	2	.....	.....	.....	.....	.....	2	5	3	.....	2
	F	10	4	2	.....	.....	.....	.....	.....	.....	3	1	.....	.....
80A. Intracranial abscess....	M	6	1	.....	.....	.....	.....	.....	.....	2	1	1	.....	1
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
80B. Others under this title..	M	19	10	2	.....	.....	.....	.....	.....	.....	4	2	.....	1
	F	9	4	2	.....	.....	.....	.....	.....	.....	2	1	.....	.....
81. Meningitis (non-meningococcal.....	M	38	17	2	4	.....	.....	.....	.....	8	4	2	.....	1
	F	24	10	.....	.....	1	.....	.....	.....	5	5	1	.....	2
81A. Simple meningitis.....	M	23	13	1	3	.....	.....	.....	.....	4	1	1	.....	.....
	F	18	7	.....	.....	1	.....	.....	.....	2	5	1	.....	2
81B. Acute cerebrospinal meningitis.....	M	15	4	1	1	.....	.....	.....	.....	4	3	1	.....	1
	F	6	3	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
82. Diseases of the medulla and spinal cord.....	M	57	2	2	2	3	1	.....	.....	1	23	13	.....	10
	F	38	.....	.....	1	1	3	.....	1	.....	9	8	.....	15
83. Intracranial lesions of vascular origin.....	M	1799	13	5	20	60	136	.....	1	22	323	717	.....	488
	F	2134	10	4	8	46	185	.....	1	46	307	457	.....	1067
83A. Cerebral haemorrhage or effusion.....	M	612	13	4	14	26	44	.....	.....	15	145	209	.....	138
	F	754	6	4	6	21	51	.....	.....	35	150	139	.....	341

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1941—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	10	5	....	....	....	3	1	2	1	1	....	1	....	2	2	1	1	73B
....	23	5	1	....	....	5	2	1	1	2	4	3	1	2	....	5	3	
....	67	18	....	11	....	9	8	9	7	3	11	6	4	8	15	8	8	74
....	55	11	1	5	....	10	6	4	4	5	5	4	9	3	7	6	9	
....	61	17	....	10	....	9	6	8	6	2	9	6	4	7	15	8	8	74A
....	52	11	1	5	....	9	6	4	4	5	4	3	9	3	7	6	9	
....	6	1	....	1	....	....	2	1	1	1	2	....	....	1	....	....	....	74B
....	3	....	....	....	....	1	....	....	....	....	1	1	....	....	....	....	....	
....	4	2	....	....	....	....	....	....	3	....	....	....	1	....	1	....	1	75
....	6	1	....	....	....	....	....	2	1	1	....	....	1	....	....	2	....	
....	2	1	....	1	....	....	....	....	....	2	....	....	....	....	1	....	1	76
2	22	7	1	4	2	2	3	3	3	1	3	4	1	3	1	3	9	
2	19	6	....	3	1	1	2	3	3	1	2	2	1	3	1	3	7	
....	3	1	1	1	1	1	1	....	....	....	1	2	....	....	....	....	2	
2	14	5	....	3	1	1	2	2	2	1	1	1	1	3	....	3	6	77
....	1	1	....	1	1	1	....	....	....	....	....	1	....	....	....	....	2	
2	5	2	....	1	1	....	1	1	1	....	....	1	1	2	....	1	1	77A
....	1	1	....	1	1	1	....	....	....	....	....	1	....	....	....	....	2	
....	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	1	2	77B
....	8	2	....	1	....	1	1	1	1	1	1	....	....	1	....	1	3	77C
....	1	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	78
....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	78A
....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	78B
....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	
....	4	....	....	....	....	....	....	....	1	....	1	1	....	....	1	....	....	79
....	1	....	1	....	....	....	....	....	....	....	1	1	....	....	....	....	....	
....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	79A
....	3	....	....	....	....	....	....	....	....	....	1	1	....	....	1	....	....	79B
....	1	....	1	....	....	....	....	....	....	....	1	1	....	....	....	....	....	
19	3376	833	114	202	13	411	365	450	363	381	372	359	369	327	351	369	421	
16	1559	402	44	114	10	194	150	213	179	176	180	153	188	159	173	166	198	
3	1817	431	70	88	3	217	215	237	184	205	192	206	181	168	178	203	223	
....	21	3	....	1	....	2	2	1	3	2	1	1	1	5	4	1	2	80
....	9	1	....	....	....	1	....	....	1	2	....	....	1	1	....	2	2	
....	3	2	....	1	....	2	1	....	1	1	....	....	....	....	....	....	1	80A
....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	
....	18	1	....	....	....	....	1	1	2	1	1	1	1	5	4	1	1	80B
....	8	1	....	....	....	1	....	....	1	2	....	....	....	1	....	2	2	
....	33	4	....	1	....	3	1	3	....	6	3	1	6	5	3	5	2	81
....	19	2	1	2	....	1	3	5	3	3	1	1	2	....	....	3	2	
....	21	2	....	....	....	2	1	1	....	4	2	1	4	2	1	3	2	81A
....	13	2	1	2	....	1	2	4	3	2	....	....	1	....	....	3	2	
....	12	2	....	1	....	1	....	2	....	2	1	....	2	3	2	2	....	81B
....	6	....	....	....	....	....	1	1	....	1	1	1	1	....	....	....	....	
....	38	14	1	4	....	7	9	2	4	5	10	1	6	4	3	....	6	82
....	28	9	1	....	....	4	2	4	5	2	3	3	2	5	....	3	5	
14	1303	344	41	102	9	162	121	187	159	145	149	136	149	130	142	144	175	83
3	1602	386	62	81	3	191	189	216	159	180	170	185	155	152	160	183	194	
4	448	111	12	38	3	69	38	68	63	52	40	43	48	39	47	50	55	83A
1	575	117	24	35	3	69	68	73	57	59	50	55	61	47	68	75	72	

TABLE 36—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
83B. Cerebral embolism and thrombosis	M	122	.....	1	5	3	8	.....	1	4	21	47	.....	31
	F	111	.....	.....	.....	2	9	.....	1	1	19	27	.....	52
83C. Cerebral softening	M	3	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	1
	F	7	1	.....	.....	.....	2	.....	.....	.....	.....	2	.....	2
83D. Hemiplegia and other paralysis of unspecified origin	M	69	.....	.....	1	2	5	.....	.....	2	14	23	.....	19
	F	94	3	.....	1	4	9	.....	.....	3	18	25	.....	31
83E. With mention of arteriosclerosis	M	993	.....	.....	.....	28	79	.....	.....	1	143	437	.....	299
	F	1168	.....	.....	1	19	114	.....	.....	7	120	264	.....	641
84. Mental disorders and deficiency (general paralysis of the insane excepted)	M	22	5	5	1	3	1	.....	.....	1	2	1	.....	2
	F	35	2	3	3	6	2	.....	.....	.....	8	2	.....	9
84A. Schizophrenia (dementia praecox)	M	5	.....	.....	1	.....	1	.....	.....	1	1	.....	.....	.....
	F	3	.....	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....
84B. Others under this title	M	17	5	5	.....	3	.....	.....	.....	.....	1	1	.....	2
	F	32	2	2	3	5	2	.....	.....	.....	7	2	.....	9
85. Epilepsy	M	34	.....	11	12	4	.....	.....	1	1	2	.....	.....	3
	F	25	4	7	2	.....	3	.....	.....	2	2	1	.....	4
86. Convulsions (under 5 years of age)	M	17	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	20	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
87. Other diseases of the nervous system	M	103	3	5	2	7	9	.....	.....	4	17	33	.....	23
	F	99	3	4	2	6	10	.....	.....	8	13	19	.....	34
87A. Chorea	M	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
87B. Neuritis	M	2	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
87C. Paralysis agitans	M	44	.....	.....	.....	2	2	.....	.....	.....	7	19	.....	14
	F	31	.....	.....	.....	2	3	.....	.....	2	2	10	.....	12
87D. Disseminated sclerosis	M	41	.....	1	1	4	6	.....	.....	2	7	12	.....	8
	F	56	.....	1	1	4	7	.....	.....	5	10	8	.....	20
87E. Others under this title	M	15	2	4	.....	1	1	.....	.....	2	3	1	.....	1
	F	11	3	3	1	.....	.....	.....	.....	1	1	.....	.....	2
88. Diseases of organs of vision	M	4	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2
	F	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
89. Diseases of the ear and of the mastoid process	M	30	7	7	4	.....	1	.....	.....	3	2	3	.....	2
	F	21	7	.....	.....	1	.....	.....	1	5	2	1	.....	4
89A. Otitis and other diseases of the ear	M	9	3	2	1	.....	.....	.....	.....	.....	1	1	.....	.....
	F	14	4	.....	.....	.....	.....	.....	1	4	2	1	.....	2
89B. Diseases of the mastoid process	M	21	4	5	3	.....	1	.....	.....	3	1	2	.....	2
	F	7	3	.....	.....	1	.....	.....	.....	1	.....	.....	.....	2
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM														
Total	...	12718	34	65	138	397	1166	1	9	360	2369	3471	1	4658
	M	7174	17	35	97	267	602	1	2	208	1645	2412	.....	1847
	F	5544	17	30	41	130	564	.....	7	152	724	1059	1	2811
90-95. Diseases of the heart	M	6645	15	35	93	260	556	1	2	205	1604	2194	.....	1641
	F	5031	15	30	40	119	501	.....	6	142	703	977	1	2489
90. Pericarditis (acute rheumatic excluded)	M	7	.....	2	.....	1	.....	.....	.....	.....	3	.....	.....	1
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
90B. Others under this title	M	7	.....	2	.....	1	.....	.....	.....	.....	3	.....	.....	1
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
91. Acute endocarditis (non-rheumatic	M	55	6	11	3	.....	.....	.....	.....	12	15	5	.....	3
	F	41	6	6	3	1	2	.....	1	12	5	2	.....	3
91A. Bacterial endocarditis (acute, subacute or unspecified)	M	37	1	7	2	.....	.....	.....	.....	10	12	4	.....	1
	F	23	4	4	3	1	1	.....	1	4	5	.....	.....	.....
91B. Other acute or subacute endocarditis	M	8	2	.....	.....	.....	.....	.....	.....	.....	3	1	.....	2
	F	9	1	.....	.....	.....	1	.....	.....	2	.....	2	.....	3

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1941—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
1	85	25	2	9	1	11	10	13	5	14	10	8	11	5	7	15	13	83B
....	78	22	3	8	....	10	11	15	7	15	10	11	6	5	12	5	4	
....	2	1	....	....	....	....	....	....	1	....	....	2	....	....	....	....	....	83C
....	4	3	....	....	....	....	3	1	1	....	1	....	....	1	....	....	....	
3	50	10	2	5	2	4	6	7	3	9	7	6	5	2	9	3	8	83D
....	66	23	2	3	....	9	13	8	6	8	9	11	6	8	5	5	6	
6	718	197	25	50	3	78	67	99	87	70	92	77	85	84	79	76	99	83E
2	879	221	33	35	....	103	94	119	88	98	100	108	82	91	75	98	112	
1	16	4	....	2	....	2	3	1	1	2	3	1	4	1	2	1	1	84
....	26	7	1	1	....	2	4	2	3	3	2	2	4	2	6	....	5	
1	2	2	....	1	....	....	1	....	....	1	....	....	3	....	....	....	....	84A
....	2	1	....	....	....	1	....	1	1	....	....	....	....	....	....	....	....	
....	14	2	....	1	....	2	2	1	1	1	3	1	1	1	2	1	1	84B
....	24	6	1	1	....	1	4	1	2	3	2	2	4	2	6	....	5	
....	29	3	1	1	....	3	2	1	2	4	....	4	1	3	7	7	....	85
....	20	3	1	1	....	....	1	....	4	2	1	1	6	2	2	1	5	
....	17	....	....	....	....	2	4	2	1	1	2	....	1	1	1	1	1	86
....	20	....	....	....	....	3	1	1	1	2	3	1	....	2	1	1	4	
....	75	25	1	1	1	9	7	9	7	7	9	8	13	6	11	7	10	87
....	76	19	2	2	....	11	11	9	5	8	9	11	11	3	7	8	6	
....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	87A
....	1	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	87B
....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	
....	32	10	1	1	....	4	2	2	4	3	5	2	8	2	4	3	5	87C
....	25	4	....	2	....	3	4	2	1	5	4	3	1	....	4	2	2	
....	28	13	....	....	....	5	4	6	1	4	1	2	2	4	6	4	2	87D
....	41	14	1	....	....	6	6	5	4	3	4	5	7	3	3	6	4	
....	13	1	....	....	1	....	1	1	2	....	3	3	2	....	1	....	2	87E
....	9	1	1	....	....	2	1	2	....	....	1	2	3	....	....	....	....	
....	3	1	....	....	....	....	....	1	....	....	1	....	....	1	....	....	1	88
....	1	....	1	1	....	....	....	....	1	1	....	1	....	....	....	....	....	
1	24	4	....	2	....	4	1	6	2	4	2	1	7	3	....	....	....	89
....	16	4	1	....	....	4	4	....	2	2	3	1	....	1	2	2	....	
1	7	1	....	1	....	2	....	1	1	2	2	....	....	1	....	....	....	89A
....	10	4	....	....	....	4	2	....	1	....	1	1	....	1	2	2	....	
....	17	3	....	1	....	2	1	5	1	2	....	1	7	2	....	....	....	89B
....	6	....	1	....	....	....	2	....	1	2	2	....	....	....	....	....	....	
49	9020	2629	330	699	40	1234	1091	1183	1173	1109	1032	975	876	838	1006	1059	1142	
41	4970	1514	191	466	33	649	618	698	626	608	561	562	509	498	572	588	685	
8	4050	1115	139	233	7	585	473	485	547	501	471	413	367	340	434	471	457	
39	4575	1407	183	451	29	604	570	643	577	561	517	513	483	465	538	542	632	
8	3664	1012	127	221	7	528	434	438	496	455	435	367	331	299	398	430	420	
....	5	1	1	....	....	....	2	2	....	1	....	....	....	....	1	....	1	90
....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	
....	5	1	1	....	....	....	2	2	....	1	....	....	....	....	1	....	1	90B
....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	
....	45	5	....	5	....	6	6	2	9	2	7	2	6	1	4	6	4	91
....	32	7	1	1	....	2	3	5	4	8	6	1	2	3	1	6	....	
....	28	5	....	4	....	4	6	1	5	2	4	2	4	1	3	4	1	91A
....	18	4	1	....	....	....	1	2	1	4	6	1	2	3	....	3	....	
....	8	....	....	....	....	1	....	....	1	....	2	....	2	....	....	....	2	91B
....	8	1	....	....	....	1	1	2	....	3	....	....	....	....	....	2	....	

TABLE 36—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
91c. Endocarditis (not specified under 45 years)	M	10	3	4	1	.....	.....	.....	.....	2	.....	.....	.....	.....
	F	9	1	2	.....	.....	.....	.....	.....	6	.....	.....	.....	.....
92. Chronic affections of the valves and endocardium	M	578	3	5	21	23	47	.....	1	39	130	188	.....	119
	F	587	2	10	16	20	40	.....	1	44	105	99	.....	250
92a. Specified valvular diseases (rheumatic)	M	202	1	4	17	6	15	.....	1	24	53	53	.....	28
	F	210	.....	8	14	13	12	.....	.....	35	48	24	.....	56
92b. Other specified valvular diseases (non-rheumatic)	M	266	2	1	4	11	25	.....	.....	15	57	91	.....	59
	F	274	2	2	2	5	22	.....	1	9	44	55	.....	132
92c. Unspecified valvular lesions and endocarditis	M	110	.....	.....	.....	6	7	.....	.....	.....	20	44	.....	32
	F	103	.....	.....	.....	2	6	.....	.....	.....	13	20	.....	62
93. Diseases of the myocardium	M	3236	4	8	26	113	340	.....	.....	43	496	1181	.....	1009
	F	3038	2	8	19	56	349	.....	1	40	333	569	1	1654
93a. Acute myocarditis	M	42	1	2	2	1	1	.....	.....	4	8	11	.....	12
	F	40	1	1	2	.....	4	.....	.....	4	8	6	.....	14
93b. Myocarditis (not specified under 45 years)	M	14	1	2	5	.....	.....	.....	.....	6	.....	.....	.....	.....
	F	17	1	3	.....	.....	.....	.....	.....	12	.....	.....	.....	1
93c. Chronic myocarditis and myocardial degeneration (rheumatic)	M	102	1	2	2	10	12	.....	.....	7	30	24	.....	14
	F	127	.....	3	5	5	15	.....	.....	4	23	18	.....	54
93d. Chronic myocarditis (non-rheumatic)	M	2563	1	2	16	83	276	.....	.....	22	357	974	.....	819
	F	2410	.....	1	11	45	288	.....	1	17	256	452	1	1333
93e. Other myocarditis (not specified)	M	515	.....	.....	1	19	51	.....	.....	4	101	172	.....	164
	F	444	.....	.....	1	6	42	.....	.....	3	46	93	.....	252
94. Diseases of the coronary arteries and angina pectoris	M	2546	2	4	37	112	153	1	1	100	910	761	.....	447
	F	1171	.....	3	1	37	93	.....	2	30	224	277	.....	502
94a. Diseases of the coronary arteries	M	2449	2	4	35	109	146	1	1	96	887	728	.....	422
	F	1120	.....	3	1	35	87	.....	2	28	214	263	.....	485
94b. Angina pectoris	M	97	.....	.....	2	3	7	.....	.....	4	23	33	.....	25
	F	51	.....	.....	.....	2	6	.....	.....	2	10	14	.....	17
95. Other diseases of the heart	M	223	.....	5	6	11	16	.....	.....	11	50	59	.....	62
	F	193	5	3	1	5	17	.....	1	16	35	30	.....	80
95a. Functional diseases of the heart (no organic lesion)	M	21	.....	.....	.....	.....	2	.....	.....	.....	3	11	.....	5
	F	22	.....	.....	.....	1	1	.....	.....	1	1	3	.....	15
95b. Other diseases of the heart (rheumatic)	M	43	.....	4	4	3	2	.....	.....	6	14	3	.....	6
	F	59	3	1	1	2	6	.....	1	14	14	8	.....	9
95c. Other diseases of the heart (non-rheumatic)	M	159	.....	1	2	8	12	.....	.....	5	33	45	.....	51
	F	112	2	2	.....	2	10	.....	.....	1	20	19	.....	56
96. Aneurysm (heart and aorta excepted)	M	14	.....	.....	1	1	1	.....	.....	.....	7	3	.....	1
	F	7	.....	.....	.....	1	.....	.....	.....	1	2	2	.....	1
97. Arteriosclerosis (coronary or renal sclerosis or cerebral haemorrhage excepted)	M	425	1	.....	.....	4	40	.....	.....	.....	13	186	.....	181
	F	400	.....	.....	.....	4	55	.....	.....	1	5	62	.....	273
98. Gangrene	M	33	.....	.....	.....	1	3	.....	.....	.....	3	12	.....	13
	F	19	.....	.....	.....	1	3	.....	.....	.....	2	3	.....	10
99. Other diseases of the arteries	M	22	.....	.....	2	1	.....	.....	.....	2	6	8	.....	3
	F	35	.....	.....	.....	2	1	.....	1	2	3	7	.....	19
100. Diseases of the veins	M	15	.....	.....	.....	.....	2	.....	.....	.....	5	3	.....	4
	F	25	1	.....	.....	.....	3	.....	.....	4	8	3	.....	6
101. Diseases of the lymphatic system	M	2	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
	F	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
102. High blood pressure (idopathic)	M	18	.....	.....	1	.....	.....	.....	.....	1	7	5	.....	4
	F	25	.....	.....	1	3	1	.....	.....	2	1	5	.....	12

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1941—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	9	....	....	1	....	1	....	1	3	....	1	....	....	....	1	2	1	91C
....	6	2	....	1	....	1	1	1	3	1	....	....	....	....	1	1	....	
2	440	103	11	23	1	55	51	47	56	43	49	36	40	46	60	40	55	92
....	438	106	22	20	1	76	48	63	59	52	51	38	34	22	43	54	47	
....	158	33	3	8	....	15	19	19	16	12	17	11	14	22	25	16	16	92A
....	145	49	9	7	....	23	24	17	19	18	26	13	12	7	17	18	16	
1	197	52	6	10	1	27	23	18	28	22	21	17	21	19	25	15	30	92B
....	213	40	10	10	1	33	18	40	28	22	20	19	17	9	20	23	25	
1	85	18	2	5	....	13	9	10	12	9	11	8	5	5	10	9	9	92C
....	80	17	3	3	....	20	6	6	12	12	5	6	5	6	6	13	6	
16	2244	684	90	206	12	302	286	348	274	266	241	249	240	224	247	272	287	93
6	2221	617	70	125	5	311	269	265	312	259	263	219	195	186	251	249	259	
....	31	6	1	4	....	7	2	6	1	6	3	1	2	5	5	3	1	93A
....	31	5	1	3	....	6	2	5	6	2	5	1	3	2	5	1	2	
....	12	1	....	1	....	2	2	1	....	1	1	....	2	1	1	2	1	93B
....	14	1	2	....	....	2	3	....	2	1	1	1	1	....	2	2	2	
....	72	26	....	3	1	9	7	8	10	11	10	8	6	9	9	5	10	93C
....	93	23	6	5	....	8	12	10	15	10	9	10	5	7	15	11	15	
13	1756	563	68	167	9	219	225	278	216	216	187	202	191	173	190	226	240	93D
5	1754	508	49	94	5	241	217	208	242	188	202	184	159	157	201	201	210	
3	373	88	21	31	2	65	50	55	47	32	40	38	39	36	42	36	35	93A
1	329	80	12	23	....	54	35	42	47	58	46	23	27	20	28	34	30	
18	1696	557	76	203	14	217	207	219	219	226	203	213	174	181	211	206	270	94
2	846	234	26	64	1	117	93	84	101	121	104	88	88	81	90	108	96	
18	1615	548	74	198	14	204	199	211	211	219	193	208	169	173	204	200	258	94A
2	804	227	26	62	1	113	90	80	96	109	102	87	86	77	84	103	93	
....	81	9	2	5	....	13	8	8	8	7	10	5	5	8	7	6	12	94B
....	42	7	....	2	....	4	3	4	5	12	2	1	2	4	6	5	3	
3	145	57	5	14	2	24	18	25	19	23	17	13	23	13	15	18	15	95
....	127	47	8	11	....	22	21	21	20	15	11	20	12	7	13	13	18	
....	16	4	....	1	....	3	2	3	2	1	1	....	2	3	2	2	....	95A
....	16	5	....	1	....	1	2	1	2	1	2	5	1	2	2	1	2	
1	24	15	1	2	1	2	3	8	1	5	2	6	5	1	2	2	6	95B
....	32	19	2	6	....	6	7	6	7	7	1	5	4	3	5	3	5	
2	105	38	4	11	1	19	13	14	16	17	14	7	16	9	11	14	9	95C
....	79	23	6	4	....	15	12	14	11	7	8	10	7	2	6	9	11	
....	11	2	1	....	....	2	1	1	2	1	....	3	1	1	1	1	....	96
....	5	2	....	....	....	....	1	....	1	1	....	1	....	1	2	....	....	
....	319	88	6	10	2	35	43	45	40	37	33	38	20	28	28	35	43	97
....	300	82	11	7	....	50	34	38	36	34	32	32	24	31	27	34	28	
1	22	7	1	2	1	6	2	6	3	2	6	2	1	1	1	....	3	98
....	15	4	....	....	....	2	1	....	1	2	....	4	3	1	1	1	3	
....	18	3	....	1	....	1	2	1	1	1	2	2	4	....	....	3	5	99
....	29	4	1	1	....	....	2	4	8	5	1	5	2	2	3	1	2	
1	10	4	....	....	1	1	....	1	1	3	1	2	....	1	....	4	1	100
....	17	5	....	3	....	3	....	3	2	3	....	1	3	5	2	2	1	
....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	101
....	1	1	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	
....	14	2	....	2	....	....	....	1	2	3	2	2	....	2	2	3	1	102
....	19	5	....	1	....	1	1	2	3	1	3	2	4	1	1	3	3	

TABLE 36—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM														
Total	...	2103	535	40	48	69	163	1	3	73	237	320	.....	604
	M	1186	330	26	32	49	71	1	.....	38	151	214	.....	265
	F	917	205	14	16	20	92	.....	3	35	86	106	.....	339
104. Diseases of the nasal fossae and accessory sinuses	M	16	.....	4	1	.....	.....	.....	.....	1	8	1	.....	.....
	F	7	3	1	.....	.....	.....	.....	.....	1	1	.....	.....	1
105. Diseases of the larynx	M	6	5	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
	F	5	4	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
106. Bronchitis	M	61	21	1	1	2	3	.....	.....	.....	7	10	.....	16
	F	58	21	.....	.....	1	2	.....	.....	1	3	10	.....	19
106A. Acute	M	21	17	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2
	F	27	19	.....	.....	.....	1	.....	.....	.....	.....	2	.....	5
106B. Chronic	M	30	1	1	1	2	3	.....	.....	.....	6	6	.....	10
	F	22	2	.....	.....	1	1	.....	.....	1	3	4	.....	9
106C. Unspecified	M	10	3	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	4
	F	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	5
107. Broncho pneumonia	M	556	206	11	13	19	32	.....	.....	9	51	88	.....	124
	F	400	113	6	3	6	46	.....	.....	9	27	38	.....	152
108. Lobar pneumonia	M	263	32	7	11	16	13	.....	.....	16	49	56	.....	60
	F	205	27	3	6	7	20	.....	1	13	26	34	.....	68
109. Pneumonia (unspecified)	M	140	51	2	1	4	13	1	.....	6	6	29	.....	25
	F	112	27	.....	2	2	12	.....	1	3	11	10	.....	44
110. Pleurisy	M	37	7	1	3	4	1	.....	.....	4	7	6	.....	4
	F	17	4	2	.....	.....	1	.....	.....	2	3	2	.....	3
110A. Empyema	M	20	6	1	2	3	.....	.....	.....	4	2	1	.....	1
	F	11	4	2	.....	.....	1	.....	.....	2	1	1	.....	.....
110B. Others under this title.	M	17	1	.....	1	1	1	.....	.....	.....	5	5	.....	3
	F	6	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	3
111. Haemorrhagic infarction, congestion, oedema and thrombsis of the lungs	M	57	1	.....	.....	1	9	.....	.....	.....	5	16	.....	25
	F	78	4	1	3	.....	11	.....	1	2	4	10	.....	42
111A. Haemorrhagic infarction and thrombosis of the lungs	M	14	.....	.....	.....	.....	2	.....	.....	.....	5	3	.....	4
	F	8	2	.....	1	.....	3	.....	1	1	.....	.....	.....	.....
111B. Others under this title.	M	43	1	.....	.....	1	7	.....	.....	.....	.....	13	.....	21
	F	70	2	1	2	.....	8	.....	.....	1	4	10	.....	42
112. Asthma	M	23	1	.....	.....	1	.....	.....	.....	1	10	2	.....	8
	F	21	.....	.....	.....	3	.....	.....	.....	1	8	1	.....	8
113. Pulmonary emphysema.	M	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
114. Other diseases of the respiratory system (tuberculosis excepted)	M	26	6	.....	2	1	.....	.....	.....	1	8	5	.....	3
	F	13	2	1	2	.....	.....	.....	.....	3	2	1	.....	2
114A. Silicosis	M	5	.....	.....	.....	1	.....	.....	.....	.....	3	1	.....	.....
114C. Gangrene of lung	F	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
114D. Others under this title.	M	21	6	.....	2	.....	.....	.....	.....	1	5	4	.....	3
	F	12	2	1	1	.....	.....	.....	.....	3	2	1	.....	2
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM														
Total	...	1898	474	53	83	65	68	.....	10	164	391	278	.....	305
	M	1133	265	40	56	49	41	.....	4	87	259	193	.....	134
	F	765	209	13	27	16	27	.....	6	77	132	85	.....	171
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils	M	63	23	5	5	2	1	.....	1	5	11	3	.....	6
	F	37	17	1	2	.....	.....	.....	.....	5	7	1	.....	3
115A. Diseases of the teeth and gums	M	6	.....	.....	.....	.....	1	.....	.....	.....	2	1	.....	2
	F	5	.....	1	.....	.....	.....	.....	.....	1	2	.....	.....	1
115B. Septic sore throat	M	20	6	.....	2	1	.....	.....	1	3	5	1	.....	1
	F	14	8	.....	1	.....	.....	.....	.....	1	3	.....	.....	1
115C. Diseases of the pharynx and tonsils	M	34	16	4	3	1	.....	.....	.....	2	3	1	.....	3
	F	16	9	.....	1	.....	.....	.....	.....	3	2	1	.....	.....

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1941—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
10	1608	335	46	104	10	286	235	234	177	178	140	104	96	105	158	184	206	
9	877	199	25	76	9	154	136	131	98	99	79	57	58	64	82	103	125	
1	731	136	21	28	1	132	99	103	79	79	61	47	38	41	76	81	81	
1	12	3	.....	.....	1	4	.....	.....	.....	.....	2	1	3	3	.....	1	2	104
....	7	.....	.....	.....	....	1	1	1	.....	.....	1	1	.....	.....	.....	.....	2	
....	6	.....	.....	.....	....	.....	1	2	.....	.....	2	.....	.....	.....	.....	.....	1	105
....	5	.....	.....	.....	....	1	.....	1	.....	.....	1	1	.....	.....	.....	1	.....	
....	44	14	.....	3	....	11	5	6	7	8	6	3	2	5	.....	4	4	106
1	49	9	.....	.....	....	8	6	9	5	4	2	2	1	2	3	7	9	
....	20	1	.....	.....	....	5	2	2	2	4	2	1	.....	1	.....	.....	2	106A
....	24	3	.....	.....	....	7	2	4	3	1	.....	1	1	.....	1	3	4	
....	16	11	.....	3	....	3	2	3	3	4	3	2	2	3	.....	4	1	106B
1	17	5	.....	.....	....	1	3	4	.....	2	2	1	.....	1	2	2	4	
....	8	2	.....	.....	....	3	1	1	2	.....	1	.....	.....	1	.....	.....	1	106C
....	8	1	.....	.....	....	.....	1	1	2	1	.....	.....	.....	1	.....	2	1	
3	429	81	7	33	6	83	67	60	51	43	35	24	22	29	42	45	55	107
....	327	56	8	8	1	62	44	42	31	35	28	17	16	18	36	34	37	
3	170	56	15	22	....	30	38	31	24	19	18	10	11	11	21	24	26	108
....	159	34	5	7	....	26	25	23	11	20	12	12	12	7	23	18	16	
2	118	13	2	6	1	12	17	17	6	15	6	9	7	9	8	15	19	109
....	89	14	3	6	....	15	12	17	16	8	7	4	4	3	5	11	10	
....	28	5	.....	4	....	4	3	6	4	6	3	2	3	2	2	.....	2	110
....	16	.....	.....	1	....	.....	3	1	2	.....	4	.....	1	1	2	3	.....	
....	16	2	.....	2	....	.....	1	2	3	5	2	1	1	2	2	.....	1	110A
....	11	.....	.....	.....	....	.....	3	1	1	.....	1	.....	1	.....	1	3	.....	
....	12	3	.....	2	....	4	2	4	1	1	1	1	2	.....	.....	.....	1	110B
....	5	.....	.....	1	....	.....	.....	.....	1	.....	3	.....	.....	1	1	.....	.....	
....	40	14	1	2	....	4	1	2	3	6	6	4	3	2	7	10	9	111
....	56	17	2	3	....	12	6	7	8	6	4	9	3	8	4	6	5	
....	10	4	.....	.....	....	1	1	2	1	1	.....	1	.....	.....	1	3	3	111A
....	6	1	.....	1	....	4	1	.....	.....	1	.....	.....	.....	1	1	.....	.....	
....	30	10	1	2	....	3	.....	.....	2	5	6	3	3	2	6	7	6	111B
....	50	16	2	2	....	8	5	7	8	5	4	9	3	7	3	6	5	
....	12	9	.....	2	....	2	1	4	2	.....	1	1	3	2	.....	2	5	112
....	14	6	1	.....	....	5	1	1	3	2	1	1	1	2	2	1	1	
....	.....	.....	.....	1	....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	113
....	1	.....	.....	.....	....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	
....	18	4	.....	3	1	4	2	3	1	2	.....	3	4	1	2	2	2	114
....	8	.....	2	3	....	2	1	1	3	3	1	.....	.....	.....	1	.....	1	
....	3	1	.....	1	....	1	.....	.....	.....	.....	.....	2	1	.....	.....	.....	1	114A
....	1	.....	.....	.....	....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	114C
....	15	3	.....	2	1	3	2	3	1	2	.....	1	3	1	2	2	1	114D
....	7	.....	2	3	....	1	1	1	3	3	1	.....	.....	.....	1	.....	1	
7	1414	304	43	136	1	167	124	138	155	163	146	168	156	206	200	137	138	
5	831	192	21	88	1	92	94	87	99	82	88	101	92	118	108	80	92	
2	583	112	22	48	....	75	30	51	56	81	58	67	64	88	92	57	46	
1	51	4	1	6	1	2	7	3	8	1	10	5	8	4	3	5	7	115
1	32	2	1	2	....	4	.....	3	3	9	2	2	1	.....	7	2	4	
....	6	.....	.....	.....	....	.....	2	1	1	.....	.....	.....	1	.....	.....	.....	1	115A
....	3	1	.....	1	....	1	.....	.....	1	1	1	.....	.....	.....	.....	.....	1	
....	16	2	1	1	....	2	.....	1	5	.....	1	3	3	1	1	1	2	115B
....	14	.....	.....	.....	....	.....	.....	.....	2	6	1	.....	.....	.....	5	.....	.....	
1	26	2	.....	5	1	.....	5	1	2	1	9	1	3	3	2	4	3	115C
....	14	1	1	.....	....	3	.....	3	.....	1	.....	2	1	.....	2	2	2	

TABLE 36—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Under 15	Single					Married					Widowed
				15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	
115D. Others under this title.	M	3	1	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
	F	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
116. Diseases of the oesophagus	M	5	1	.....	1	.....	1	.....	.....	.....	.....	1	.....	1
	F	6	.....	.....	.....	.....	2	.....	.....	.....	.....	3	.....	1
117. Ulcer of the stomach or duodenum	M	261	.....	4	16	15	9	.....	.....	24	99	62	.....	31
	F	46	.....	.....	3	.....	7	.....	.....	2	10	9	.....	15
117A. Stomach	M	134	.....	2	8	7	5	.....	.....	14	42	39	.....	17
	F	24	.....	.....	2	.....	4	.....	.....	.....	5	5	.....	8
117B. Duodenum	M	127	.....	2	8	8	4	.....	.....	10	57	23	.....	14
	F	22	.....	.....	1	.....	3	.....	.....	2	5	4	.....	7
118. Other diseases of the stomach	M	16	4	.....	.....	.....	.....	.....	.....	2	5	1	.....	4
	F	18	6	.....	.....	3	.....	.....	.....	1	.....	3	.....	5
119. Diarrhoea and enteritis (under 2 years of age).	M	173	173	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	142	142	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
119A. Diarrhoea and enteritis	M	172	172	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	142	142	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
119B. Ulceration of the intestines	M	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
120. Diarrhoea and enteritis (2 years of age and over)	M	56	15	3	5	3	3	.....	.....	2	11	7	.....	6
	F	40	8	1	1	1	2	.....	1	5	3	6	.....	12
120A. Diarrhoea and enteritis	M	37	15	1	1	2	1	.....	.....	.....	8	3	.....	5
	F	24	8	1	.....	1	2	.....	1	1	.....	3	.....	7
120B. Ulceration of the intestines	M	19	.....	2	4	1	2	.....	.....	2	3	4	.....	1
	F	16	.....	.....	1	.....	.....	.....	.....	4	3	3	.....	5
121. Appendicitis	M	159	30	18	12	5	4	.....	3	26	39	14	.....	8
	F	88	21	8	6	4	.....	.....	4	9	19	3	.....	14
122. Hernia, intestinal obstruction	M	194	8	5	7	10	12	.....	.....	13	40	52	.....	46
	F	140	5	1	3	1	5	.....	.....	27	32	20	.....	45
122A. Hernia	M	105	1	2	4	5	6	.....	.....	7	26	27	.....	26
	F	54	.....	.....	1	1	2	.....	.....	4	15	10	.....	20
122B. Intestinal obstruction.	M	89	7	3	3	5	6	.....	.....	6	14	25	.....	20
	F	86	5	1	2	.....	3	.....	.....	23	17	10	.....	25
123. Other diseases of the intestines	M	26	2	.....	2	2	2	.....	.....	1	7	4	.....	6
	F	11	1	.....	.....	.....	1	.....	.....	.....	3	4	.....	2
124. Cirrhosis of the liver	M	83	1	1	4	6	6	.....	.....	7	23	26	.....	9
	F	63	1	1	4	2	2	.....	.....	7	16	14	.....	16
124A. With mention of alcoholism	M	9	.....	.....	1	2	.....	.....	.....	2	2	1	.....	1
	F	3	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1
124B. Without mention of alcoholism	M	74	1	1	3	4	6	.....	.....	5	21	25	.....	8
	F	60	1	1	4	2	2	.....	.....	7	15	13	.....	15
125. Other diseases of the liver	M	17	1	2	1	2	1	.....	.....	1	6	2	.....	1
	F	20	2	1	2	.....	1	.....	.....	1	3	4	.....	6
125A. Acute yellow atrophy	M	6	.....	.....	1	.....	1	.....	.....	.....	3	1	.....	.....
	F	7	1	.....	1	.....	1	.....	.....	.....	1	1	.....	2
125B. Others under this title.	M	11	1	2	.....	2	.....	.....	.....	1	3	1	.....	1
	F	13	1	1	1	.....	.....	.....	.....	1	2	3	.....	4
126. Biliary calculi	M	33	.....	.....	.....	1	.....	.....	.....	5	5	14	.....	7
	F	71	.....	.....	2	3	4	.....	.....	8	24	6	.....	24
127. Other diseases of the gall-bladder and bile ducts	M	19	.....	.....	1	1	1	.....	.....	.....	5	4	.....	7
	F	58	.....	.....	2	1	1	.....	1	8	12	9	.....	24
128. Diseases of the pancreas.	M	14	3	1	.....	1	.....	.....	.....	.....	4	3	.....	2
	F	7	2	.....	.....	1	.....	.....	.....	1	1	1	.....	1
129. Peritonitis without stated cause	M	14	4	1	2	1	1	.....	.....	1	4	.....	.....	.....
	F	18	4	.....	2	.....	2	.....	.....	3	2	2	.....	3
CLASS X.—DISEASES OF THE URINARY AND GENITAL SYSTEMS														
Total	...	2596	29	39	29	85	231	.....	4	117	399	740	.....	916
	M	1588	13	21	16	58	129	.....	2	51	231	585	.....	475
	F	1008	16	18	13	27	102	.....	2	66	168	155	.....	441

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1941—Continued

NATIVITY					MONTHS												
			Foreign														
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
..	3	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	1	115D
1	1	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	1	
...	5	....	....	....	....	....	....	1	....	1	1	1	....	....	1	....	....	116
...	4	2	....	....	....	....	....	1	1	....	1	....	1	....	1	1	....	
1	157	71	3	30	....	21	27	23	24	23	19	23	20	15	15	21	30	117
....	29	12	1	4	....	8	2	4	1	7	2	3	4	1	4	2	8	
....	85	29	....	20	....	11	14	12	12	12	8	14	10	4	3	12	22	117A
....	18	5	1	....	....	5	1	2	....	3	2	1	2	....	2	1	5	
1	72	42	3	10	....	10	13	11	12	11	11	9	10	11	12	9	8	117B
....	11	7	....	4	....	3	1	2	1	4	....	2	2	1	2	1	3	
....	11	3	....	2	....	1	3	....	3	1	1	1	2	2	1	1	....	118
....	16	2	....	....	....	2	....	1	2	1	1	....	3	3	1	2	2	
...	172	....	1	....	....	7	5	6	9	9	10	12	28	47	28	6	6	119
....	142	....	....	....	....	12	2	5	5	8	10	10	18	34	26	8	4	
....	171	....	1	....	....	7	5	6	9	9	9	12	28	47	28	6	6	119A
....	142	....	....	....	....	12	2	5	5	8	10	10	18	34	26	8	4	
....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	119B
1	42	9	3	2	....	4	4	3	9	1	2	5	4	12	8	2	2	120
...	33	6	....	1	....	2	1	3	4	4	6	2	2	7	2	4	3	
1	28	6	2	1	....	3	3	3	3	....	....	3	4	11	6	....	1	120A
....	22	1	....	1	....	....	1	1	1	3	4	1	2	6	1	2	2	
....	14	3	1	1	....	1	1	....	6	1	2	2	....	1	2	2	1	120B
....	11	5	....	....	....	2	....	2	3	1	2	1	....	1	1	2	1	
....	120	20	6	13	....	23	8	19	8	14	14	16	9	10	15	9	14	121
....	70	13	2	3	....	11	4	8	7	12	5	8	11	7	6	5	4	
1	141	37	2	14	....	23	14	14	17	13	13	22	12	14	20	15	17	122
1	88	32	3	17	....	14	5	9	14	9	13	12	12	15	18	11	8	
1	69	26	1	9	....	12	8	11	9	3	7	11	9	8	7	8	12	122A
1	31	15	1	7	....	9	2	2	5	2	8	6	2	7	4	4	3	
....	72	11	1	5	....	11	6	3	8	10	6	11	3	6	13	7	5	122B
....	57	17	2	10	....	5	3	7	9	7	5	6	10	8	14	7	5	
....	16	8	....	2	....	1	2	....	2	3	3	2	2	2	3	1	5	123
....	9	1	1	....	....	....	1	2	....	2	....	3	....	....	1	....	2	
....	49	16	5	13	....	4	10	11	7	6	9	6	3	6	6	8	7	124
....	40	8	7	8	....	8	7	2	3	4	4	8	4	7	7	3	6	
....	6	1	....	2	....	2	1	2	1	1	....	....	....	....	1	1	....	124A
....	2	....	....	1	....	1	....	....	....	....	....	....	....	....	1	....	1	
....	43	15	5	11	....	2	9	9	6	5	9	6	3	6	5	7	7	124B
....	38	8	7	7	....	7	7	2	3	4	4	8	4	7	6	3	5	
....	11	3	....	3	....	2	2	1	....	1	1	2	....	1	1	4	2	125
....	16	2	1	1	....	3	....	2	1	2	1	....	1	3	2	5	....	
....	3	1	....	2	....	2	1	....	....	....	....	....	....	1	1	1	....	125A
....	6	....	1	....	....	2	....	1	1	....	1	....	....	2	....	....	....	
....	8	2	....	1	....	....	1	1	....	1	1	2	....	....	....	3	2	125B
....	10	2	....	1	....	1	....	1	....	2	....	....	1	1	2	5	....	
1	23	8	....	2	....	2	8	....	3	5	3	2	....	2	2	5	1	126
....	51	15	1	4	....	3	1	3	6	13	5	14	2	5	9	6	4	
....	11	8	....	....	....	....	2	2	6	2	2	1	1	....	1	2	....	127
....	34	13	4	7	....	6	4	6	5	8	6	5	2	5	3	7	1	
....	11	2	....	1	....	1	2	3	1	2	....	1	3	....	1	....	....	128
....	5	2	....	....	....	1	....	1	1	1	1	....	....	....	2	....	....	
....	11	3	....	....	....	1	....	1	2	....	....	2	....	3	3	1	1	129
....	14	2	1	1	....	1	3	1	3	1	1	....	3	1	3	1	....	
7	1961	443	71	117	4	248	209	231	217	235	212	179	190	201	178	252	244	
7	1189	279	40	78	2	145	130	144	125	141	126	102	128	131	100	159	157	
....	772	164	31	39	2	103	79	87	92	94	86	77	62	70	78	93	87	

TABLE 36—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
130. Aucte nephritis	M	27	9	5	3	1			1	4	1			3
	F	21	6	3	1	4	1			3	1	1		1
131. Chronic nephritis	M	1015		12	11	41	77		1	37	162	368		303
	F	815	5	13	5	15	87		2	40	130	132		386
132. Nephritis unspecified (over 10 years of age)	M	77		2	1	4	8			4	10	22		24
	F	52		1	2	4	7			2	7	9		20
133. Other diseases of the kidneys and ureters	M	61	4	2		5	7			5	12	14		12
	F	41	4		1	4	4			1	10	6		11
134. Calculi of the urinary passages	M	40			1						12	17		10
	F	17					2			2	6	2		5
135. Diseases of the urinary bladder	M	16				1	1				1	5		8
	F	10					1				3			6
136. Diseases of the urethra urinary abscess, etc.	M	11				1	3				4	1		2
	F	3								1				2
136A. Stricutre of the urethra	M	8					2				4			2
	F	2								1				1
136B. Others under this title	M	3				1	1					1		
	F	1												1
137. Diseases of the prostate	M	340				5	33			1	29	157		113
138. Diseases of the male genital organs (non-venereal)	M	1										1		
139. Diseases of the female genital organs (non-venereal)	F	49	1	1	4					17	11	5		10
139A. Ovaries Fallopian tubes and parametria	F	22		1	2					12	3	1		3
139B. Uterus	F	25	1		2					4	8	4		6
139C. Others under this title	F	2								1				1
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE														
Total		219		8	9				41	159	1			1
140. Abortion with mention of infection	F	33		3	2				7	21				
140A. Spontaneous, therapeutic or unspecified	F	11			1				3	7				
140B. Seld-induced	F	16							4	12				
140C. Non-therapeutic	F	6		3	1					2				
141. Abortion without mention of infection	F	8		2	1					5				
141A. Spontaneous, therapeutic or unspecified	F	6		1						5				
141B. Self-induced	F	1			1									
141C. Non-therapeutic	F	1		1										
142. Ectopic gestation	F	9			1					8				
142B. Without mention of infection	F	9			1					8				
143. Haemorrhage of pregnancy—death prior to delivery	F	2								2				
143C. Others under this title	F	2								2				
144 Toxaemias of pregnancy—death prior to delivery	F	21			1				5	15				
145. Other diseases and accidents of pregnancy—death prior to delivery	F	7							2	5				
146. Haemorrhage of childbirth and the puerperium	F	25			1				5	18	1			
146A. Placenta	F	8			1					7				
146B. Premature separation of placenta	F	1								1				
146C. Others under this title	F	16							5	10	1			
147. Infection during childbirth and the puerperium	F	52		1	2				12	37				
148. Puerperal toxaemias—following delivery	F	33		1	1				7	24				

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1941—Continued

NATIVITY					MONTHS												
			Foreign														
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	23	1	1	2	....	3	1	4	1	4	3	1	1	5	....	3	1	130
....	17	2	....	2	....	2	3	3	2	1	1	....	1	2	3	2	1	
3	788	159	26	41	1	99	81	94	86	95	79	54	72	83	64	108	100	131
....	620	137	26	30	2	84	55	70	78	72	72	59	51	59	66	77	72	
2	54	13	3	6	1	10	9	7	5	5	7	7	7	2	5	6	7	132
....	42	6	2	2	....	7	7	7	2	7	4	5	3	2	3	3	2	
....	39	19	....	3	....	1	4	8	3	7	4	9	2	8	4	4	7	133
....	29	10	....	2	....	5	5	2	2	4	4	4	3	1	3	5	3	
....	29	5	2	4	....	2	5	....	3	3	2	2	4	2	7	2	8	134
....	16	....	1	....	....	2	....	1	1	3	....	1	1	3	1	2	2	
....	10	4	1	....	....	2	....	....	4	....	....	1	1	3	1	4	....	135
....	5	4	1	....	....	1	2	....	....	....	1	1	....	....	2	1	2	
....	8	3	....	....	....	....	1	....	2	2	....	....	2	....	2	1	1	136
....	2	1	....	....	....	....	....	....	....	1	....	....	1	....	....	....	1	
....	5	3	....	....	....	....	....	....	2	2	....	....	1	....	1	1	1	136A
....	1	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	
....	3	....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	....	136B
....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	
2	237	74	7	22	....	28	29	31	21	25	31	28	39	27	17	31	33	137
....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	138
....	41	4	1	3	....	2	7	4	7	6	4	7	2	3	....	3	4	139
....	22	....	....	....	....	....	2	2	4	5	2	1	2	2	....	....	2	139A
....	19	4	1	1	....	2	5	2	3	1	2	4	....	1	....	3	2	139B
....	....	....	....	2	....	....	....	....	....	....	....	2	....	....	....	....	....	139C
....	179	26	6	8	....	23	19	23	20	19	17	17	19	22	18	10	12	
....	27	5	....	1	....	2	4	3	3	2	....	1	4	4	6	1	3	140
....	10	....	....	1	....	....	3	....	1	....	....	....	1	2	2	....	2	140A
....	11	5	....	....	....	1	....	3	2	1	....	1	2	....	4	1	1	140B
....	6	....	....	....	....	1	1	....	....	1	....	....	1	2	....	....	....	140C
....	7	1	....	....	....	....	1	1	2	....	....	3	....	....	1	....	....	141
....	6	....	....	....	....	....	1	1	2	....	....	2	....	....	....	....	....	141A
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	141B
....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	141C
....	8	1	....	....	....	2	....	....	....	1	....	....	3	2	1	....	....	142
....	8	1	....	....	....	2	....	....	....	1	....	....	3	2	1	....	....	142B
....	2	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	143
....	2	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	143C
....	19	2	....	....	....	4	1	4	1	2	4	1	1	....	....	1	2	144
....	6	....	1	....	....	2	1	1	....	....	1	....	....	....	1	....	1	145
....	18	7	....	....	....	1	3	2	3	2	4	1	2	2	2	1	2	146
....	5	3	....	....	....	....	....	....	....	....	1	....	2	2	1	1	1	146A
....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	146B
....	12	4	....	....	....	1	3	2	3	2	2	1	....	....	1	....	1	146C
....	46	2	2	2	....	5	4	7	6	4	2	5	3	6	3	4	3	147
....	25	3	3	2	....	4	5	4	1	5	2	5	3	3	1	....	....	148

TABLE 36—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
148A. Puerperal eclampsia...	F	21	.....	.....	1	.....	.....	.....	4	16	.....	.....	.....	.....
148B. Puerperal albuminuria and nephritis.....	F	7	.....	.....	.....	.....	.....	.....	1	6	.....	.....	.....	.....
148C. Acute yellow atrophy of liver.....	F	4	.....	1	.....	.....	.....	.....	1	2	.....	.....	.....	.....
148D. Others under this title.	F	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
149. Other accidents of childbirth.....	F	20	.....	1	.....	.....	.....	.....	3	15	.....	.....	.....	1
149A. Laceration, rupture or other trauma of pelvic organs and tissues....	F	8	.....	.....	.....	.....	.....	.....	1	6	.....	.....	.....	1
149B. Other conditions of childbirth.....	F	12	.....	1	.....	.....	.....	.....	2	9	.....	.....	.....	.....
150. Other and unspecified conditions of childbirth and the puerperal state	F	9	.....	.....	.....	.....	.....	.....	.....	9	.....	.....	.....	.....
150C. Others under this title.	F	9	.....	.....	.....	.....	.....	.....	.....	9	.....	.....	.....	.....
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE														
Total.....	...	31	6	1	1	2	3	.....	.....	3	4	6	.....	4
	M	16	3	1	1	1	2	.....	.....	1	4	2	.....	.....
	F	15	3	.....	.....	1	1	.....	.....	2	.....	4	.....	4
151. Carbuncle and furuncle.	M	5	1	1	.....	.....	.....	.....	.....	1	1	1	.....	.....
	F	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1
152. Phlegmon and acute abscesses.....	M	6	1	.....	1	.....	.....	.....	.....	.....	2	1	.....	.....
	F	3	.....	.....	.....	1	1	.....	.....	.....	.....	1	.....	.....
153. Other diseases of the skin and cellular tissue....	M	5	1	.....	.....	1	2	.....	.....	.....	1	.....	.....	.....
	F	10	3	.....	.....	.....	.....	.....	.....	1	.....	3	.....	3
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF MOVEMENT														
Total.....	...	50	10	3	1	2	2	.....	.....	1	14	8	.....	8
	M	32	6	3	1	2	.....	.....	.....	1	10	6	.....	2
	F	18	4	.....	.....	.....	2	.....	.....	.....	4	2	.....	6
154. Osteomyelitis and periostitis.....	M	18	6	1	.....	1	.....	.....	.....	1	5	3	.....	1
	F	7	4	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	1
155. Other diseases of the bones (tuberculosis excepted).....	M	5	.....	.....	.....	.....	.....	.....	.....	.....	3	2	.....	.....
	F	4	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	2
156. Diseases of the joints and other organs of movement.....	M	9	.....	2	1	1	.....	.....	.....	.....	2	1	.....	1
	F	7	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	3
156A. Diseases of the joints (tuberculosis and rheumatism excepted).....	M	6	.....	.....	1	1	.....	.....	.....	.....	2	1	.....	1
	F	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	3
156B. Others under this title.	M	3	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	3	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....
CLASS XIV.—CONGENITAL MALFORMATIONS														
Total.....	...	601	568	11	6	1	.....	.....	1	7	5	1	.....	1
	M	303	289	4	3	.....	.....	.....	.....	4	2	.....	.....	1
	F	298	279	7	3	1	.....	.....	1	3	3	1	.....	.....
157. Congenital malforations.....	M	303	289	4	3	.....	.....	.....	.....	4	2	.....	.....	1
	F	298	279	7	3	1	.....	.....	1	3	3	1	.....	.....

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1941—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	16	1	2	2	....	3	3	4	1	3	.....	1	2	3	1	.....	.....	148A
....	5	2	.....	.....	....	.....	.....	.....	.....	1	2	3	1	.....	.....	.....	.....	148B
....	4	.....	.....	.....	....	1	1	.....	.....	1	.....	1	.....	.....	.....	.....	.....	148C
....	.....	.....	1	.....	....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	148D
....	14	4	.....	2	....	2	.....	1	3	1	2	.....	1	4	3	2	1	149
....	4	2	.....	2	....	1	.....	1	.....	.....	1	.....	.....	3	.....	1	1	149A
....	10	2	.....	.....	....	1	.....	.....	3	1	1	.....	1	1	3	1	.....	149B
....	7	1	.....	1	....	1	.....	.....	1	2	2	1	2	.....	.....	.....	.....	150
....	7	1	.....	1	....	1	.....	.....	1	2	2	1	2	.....	.....	.....	.....	150C
1	21	2	.....	7	1	1	5	2	4	4	2	3	4	1	1	1	3	
1	12	.....	.....	3	1	1	2	1	1	3	1	1	2	.....	.....	1	3	
....	9	2	.....	4	....	.....	3	1	3	1	1	2	2	1	1	.....	.....	
....	5	.....	.....	.....	....	.....	.....	.....	1	1	.....	.....	2	.....	.....	1	.....	151
....	2	.....	.....	.....	....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	
1	5	.....	.....	1	....	1	.....	1	.....	.....	1	1	.....	.....	.....	.....	2	152
....	1	2	.....	.....	....	.....	.....	.....	1	.....	.....	1	.....	.....	1	.....	.....	
....	2	.....	.....	2	1	.....	2	.....	.....	2	.....	.....	.....	.....	.....	.....	1	153
....	6	.....	.....	4	....	.....	2	1	2	.....	1	1	2	1	.....	.....	.....	
1	40	8	1	1	....	1	4	1	6	8	4	5	2	5	3	5	6	
1	26	4	1	1	....	.....	3	1	5	6	1	2	2	3	2	2	5	
....	14	4	.....	.....	....	1	1	.....	1	2	3	3	.....	2	1	3	1	
....	15	2	1	.....	....	.....	3	.....	1	3	.....	1	2	2	2	1	3	154
....	6	1	.....	.....	....	.....	.....	.....	.....	1	1	2	.....	1	.....	2	.....	
....	4	1	.....	.....	....	.....	.....	1	2	1	.....	.....	.....	.....	.....	1	.....	155
....	4	.....	.....	.....	....	1	1	.....	.....	1	1	.....	.....	.....	.....	.....	.....	
1	7	1	.....	1	....	.....	.....	.....	2	2	1	1	.....	1	.....	.....	2	156
....	4	3	.....	.....	....	.....	.....	.....	1	.....	1	1	.....	1	1	1	1	
....	5	.....	.....	1	....	.....	.....	.....	.....	1	1	1	.....	1	.....	.....	2	156A
....	2	2	.....	.....	....	.....	.....	.....	.....	.....	1	.....	.....	1	1	1	.....	
1	2	1	.....	.....	....	.....	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	156B
....	2	1	.....	.....	....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	1	
....	585	11	2	3	....	48	44	41	44	51	48	54	55	42	52	55	67	
....	296	5	1	1	....	28	21	20	16	27	24	26	28	28	27	24	34	
....	289	6	1	2	....	20	23	21	28	24	24	28	27	14	25	31	33	
....	296	5	1	1	....	28	21	20	16	27	24	26	28	28	27	24	34	157
....	289	6	1	2	....	20	23	21	28	24	24	28	27	14	25	31	33	

TABLE 36—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
				Single					Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
157A. Congenital hydrocephalus	M	49	48								1			
	F	59	58		1									
157B. Spina bifida and meningocele	M	58	56	1	1									
	F	77	75	2										
157C. Anencephalus	M	3	3											
	F	10	10											
157D. Congenital malformations of the heart	M	106	103	2										1
	F	78	69	4	2				1		2			
157E. Others under this title	M	87	79	1	2					4	1			
	F	74	67	1		1				3	1	1		
CLASS XV.—DISEASES PECULIAR TO THE FIRST YEAR OF LIFE														
Total	...	1552	1552											
	M	931	931											
	F	621	621											
158. Congenital debility	M	72	72											
	F	33	33											
159. Premature birth	M	490	490											
	F	370	370											
160. Injury at birth	M	232	232											
	F	140	140											
160A. Intracranial or spinal haemorrhage	M	119	119											
	F	64	64											
160B. Other intracranial or spinal injuries	M	11	11											
	F	6	6											
160C. Others under this title	M	102	102											
	F	70	70											
161. Other diseases peculiar to the first year of life	M	137	137											
	F	78	78											
161A. Asphyxia (unspecified), atelectasis	M	58	58											
	F	42	42											
161B. Infection of the umbilicus, pemphigus and other infections	M	10	10											
	F	6	6											
161C. Other specified diseases peculiar to the first year of life	M	69	69											
	F	30	30											
CLASS XVI.—SENILITY														
Total	...	375					46					71		258
	M	168					24					48		96
	F	207					22					23		162
162. Senility	M	168					24					48		96
	F	207					22					23		162
162A. With dementia	M	14					1					6		7
	F	19					4					4		11
162B. Without dementia	M	154					23					42		89
	F	188					18					19		151
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS														
Total	...	3305	485	330	270	129	144	1	52	405	502	334	1	622
	M	2307	311	294	244	116	60	1	38	325	400	228	1	263
	F	998	174	36	26	13	84		14	80	102	106		359
163-164 Suicides	M	217		10	32	27	3			47	59	14		23
	F	102		1	11	4	1		4	29	30	3		17

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1941—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	48	....	....	1	....	2	3	6	3	6	4	5	5	4	3	4	4	157A
....	59	....	....	....	....	2	6	3	6	8	2	8	4	3	8	4	5	
....	58	....	....	....	....	5	3	1	2	9	4	7	7	6	7	3	4	157B
....	77	....	....	....	....	3	2	7	8	8	5	6	7	5	7	7	12	
....	3	....	....	....	....	....	....	....	....	....	....	1	2	....	....	....	....	157C
....	10	....	....	....	....	2	1	1	1	....	1	....	....	....	1	2	1	
....	105	1	....	....	....	12	9	8	7	4	8	9	8	12	11	4	14	157D
....	73	3	1	1	....	10	10	7	10	1	7	5	9	2	5	5	7	
....	82	4	1	....	....	9	6	5	4	8	8	4	6	6	6	13	12	157E
....	70	3	....	1	....	3	4	3	3	7	9	9	7	4	4	13	8	
....	1552	....	....	....	....	127	119	147	145	126	128	124	124	115	141	112	144	
....	931	....	....	....	....	80	62	84	87	73	77	75	82	70	85	74	82	
....	621	....	....	....	....	47	57	63	58	53	51	49	42	45	56	38	62	
....	72	....	....	....	....	7	4	8	5	3	3	4	7	10	7	7	7	158
....	33	....	....	....	....	....	4	4	4	2	3	1	2	6	3	3	1	
....	490	....	....	....	....	41	35	46	48	39	46	41	44	29	36	38	47	159
....	370	....	....	....	....	33	36	37	34	31	33	28	25	21	36	23	33	
....	232	....	....	....	....	19	15	20	21	23	14	16	19	20	22	25	18	160
....	140	....	....	....	....	10	9	15	14	11	7	16	11	11	12	6	18	
....	119	....	....	....	....	9	11	14	11	10	10	5	11	10	10	11	7	160A
....	64	....	....	....	....	4	6	7	8	3	1	6	7	6	8	2	6	
....	11	....	....	....	....	2	1	....	....	1	....	1	....	....	1	1	4	160B
....	6	....	....	....	....	....	1	....	....	2	1	....	1	....	....	....	1	
....	102	....	....	....	....	8	3	6	10	12	4	10	8	10	11	13	7	160C
....	70	....	....	....	....	6	2	8	6	6	5	10	3	5	4	4	11	
....	137	....	....	....	....	13	8	10	13	8	14	14	12	11	20	4	10	161
....	78	....	....	....	....	4	8	7	6	9	8	4	4	7	5	6	10	
....	58	....	....	....	....	7	2	3	4	3	5	6	6	6	10	3	3	161A
....	42	....	....	....	....	1	4	1	2	8	5	2	3	4	4	3	5	
....	10	....	....	....	....	2	....	....	1	....	1	....	1	1	1	....	3	161B
....	6	....	....	....	....	....	2	1	1	....	....	....	....	....	....	1	1	
....	69	....	....	....	....	4	6	7	8	5	8	8	5	4	9	1	4	161C
....	30	....	....	....	....	3	2	5	3	1	3	2	1	3	1	2	4	
....	283	73	9	8	2	45	35	36	38	25	23	17	22	28	36	33	37	
....	117	37	5	7	2	27	11	16	19	12	6	10	12	11	17	10	17	
....	166	36	4	1	....	18	24	20	19	13	17	7	10	17	19	23	20	
....	117	37	5	7	2	27	11	16	19	12	6	10	12	11	17	10	17	162
....	166	36	4	1	....	18	24	20	19	13	17	7	10	17	19	23	20	
....	8	5	....	1	....	1	....	3	2	....	....	....	1	1	4	....	2	162A
....	15	4	....	....	....	1	1	3	....	1	2	....	1	2	5	3	....	
....	109	32	5	6	2	26	11	13	17	12	6	10	11	10	13	10	15	162B
....	151	32	4	1	....	17	23	17	19	12	15	7	9	15	14	20	20	
30	2366	446	152	293	48	223	226	243	234	272	317	344	286	294	310	268	288	
26	1616	291	111	244	45	153	149	162	158	190	216	251	198	207	227	189	207	
4	750	155	41	49	3	70	77	81	76	82	101	93	88	87	83	79	81	
2	149	14	7	43	4	23	10	10	19	28	24	19	15	20	20	12	16	163–
2	75	9	1	16	1	2	9	8	9	14	8	9	9	6	10	9	9	164

TABLE 36—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
163. Suicide by poisoning	M	39	.....	1	6	4	.....	.....	.....	9	12	3	.....	3
	F	40	.....	1	4	1	.....	.....	2	12	13	.....	.....	7
163A. By corrosive substances, solid and liquid poisonings	M	22	.....	1	5	4	.....	.....	.....	5	4	2	.....	1
	F	29	.....	1	3	1	.....	.....	1	10	10	.....	.....	3
163B. By poisonous gas	M	17	.....	.....	1	.....	.....	.....	.....	4	8	1	.....	2
	F	11	.....	.....	1	.....	.....	.....	1	2	3	.....	.....	4
164. Suicide by other means	M	178	.....	9	26	23	3	.....	.....	38	47	11	.....	20
	F	62	.....	.....	7	3	1	.....	2	17	17	3	.....	10
164A. By hanging or strangulation	M	58	.....	2	7	9	2	.....	.....	7	21	5	.....	5
	F	16	.....	.....	1	.....	.....	.....	.....	6	2	.....	.....	5
164B. By drowning	M	20	.....	1	3	3	.....	.....	.....	3	4	2	.....	3
	F	25	.....	.....	2	1	.....	.....	.....	7	7	3	.....	5
164C. By firearms or explosives	M	59	.....	3	8	8	.....	.....	.....	18	16	2	.....	4
	F	6	.....	.....	2	.....	.....	.....	2	1	1	.....	.....	.....
164D. By cutting or piercing instruments	M	17	.....	.....	2	.....	1	.....	.....	5	3	2	.....	4
	F	3	.....	.....	.....	1	.....	.....	.....	1	1	.....	.....	.....
164E. By jumping from high places	M	16	.....	1	4	2	.....	.....	.....	3	3	.....	.....	3
	F	8	.....	.....	1	1	1	.....	.....	2	3	.....	.....	.....
164F. By crushing	M	5	.....	1	2	1	.....	.....	.....	1	.....	.....	.....	.....
	F	3	.....	.....	1	.....	.....	.....	.....	.....	2	.....	.....	.....
164G. By other or unspecified means	M	3	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	1
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
166-168 Homicides	M	27	7	3	5	2	1	.....	1	4	.....	.....	.....	4
	F	14	10	.....	.....	.....	.....	.....	1	3	.....	.....	.....	.....
166. Homicide by firearms	M	11	2	3	3	.....	.....	.....	.....	1	.....	.....	.....	2
	F	4	2	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
167. Homicide by cutting or piercing instruments	M	3	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	1
	F	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
168. Homicide by other or unspecified means	M	13	5	.....	1	1	1	.....	1	3	.....	.....	.....	1
	F	9	8	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
169-195 Accidental deaths	M	2061	304	281	207	87	56	1	37	274	341	214	1	234
	F	882	164	35	15	9	83	.....	9	48	72	103	.....	342
169. Railway accidents (excluding motor vehicles)	M	98	4	18	13	9	2	.....	2	10	24	6	.....	5
	F	11	3	1	2	.....	1	.....	.....	1	.....	1	.....	2
170. Motor vehicle accidents	M	660	89	84	53	33	14	1	13	102	131	58	.....	77
	F	175	40	17	6	1	7	.....	5	27	28	17	.....	27
170A. Collisions with trains	M	33	1	2	3	2	.....	.....	2	8	5	5	.....	4
	F	15	.....	3	2	.....	.....	.....	.....	3	3	1	.....	3
170B. Collisions with street-cars	M	5	1	.....	.....	.....	.....	.....	1	.....	3	.....	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
170C. Automobile accidents (excluding trains or street-cars)	M	616	86	81	49	31	14	1	10	92	122	53	.....	73
	F	159	40	14	4	1	7	.....	4	24	25	16	.....	24
170D. Motorcycle accidents (excluding automobiles)	M	6	1	1	1	.....	.....	.....	.....	2	1	.....	.....	.....
171. Street-car and other road transport accidents	M	34	7	4	3	.....	2	.....	.....	4	6	2	.....	5
	F	10	3	1	.....	.....	1	.....	.....	.....	2	.....	.....	3
171A. Street-car accidents (excluding trains and motor vehicles)	M	15	1	1	3	.....	.....	.....	.....	.....	4	2	.....	3
	F	4	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	3
171B. Others under this title	M	19	6	3	.....	.....	2	.....	.....	4	2	.....	.....	2
	F	6	3	1	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
172. Water transport accidents	M	84	7	15	17	4	.....	.....	2	17	11	3	.....	5
	F	9	1	2	.....	.....	.....	.....	1	3	2	.....	.....	.....
173. Air transport accidents	M	146	1	65	31	1	.....	.....	3	29	11	.....	.....	3
	F	3	.....	.....	2	.....	.....	.....	1	.....	.....	.....	.....	.....
174. Accidents in mines and quarries	M	55	.....	11	11	.....	.....	.....	3	23	6	.....	.....	1
175. Agricultural and forestry accidents	M	93	.....	10	10	7	6	.....	.....	8	24	17	.....	11

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1941—Continued

NATIVITY						MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
1	24	8	.....	6	1	.....	1	3	3	6	3	4	3	7	2	5	2	163
....	29	3	.....	8	....	1	3	4	3	6	3	4	3	1	5	4	3	
....	14	4	.....	4	....	.....	.....	.....	1	5	3	2	2	5	2	1	1	163A
....	18	3	.....	8	....	1	2	4	2	5	1	3	2	1	3	3	2	
1	10	4	.....	2	1	.....	1	3	2	1	.....	2	1	2	.....	4	1	163B
....	11	....	.....	.....	....	.....	1	.....	1	1	2	1	1	.....	2	1	1	
1	125	6	7	37	3	23	9	8	16	22	21	15	12	13	18	7	14	164
2	46	6	1	8	1	1	6	4	6	8	5	5	6	5	5	5	6	
....	34	1	1	22	....	6	3	1	9	8	8	6	2	3	8	2	2	164A
2	12	2	.....	1	1	.....	4	1	2	2	1	1	3	1	.....	.....	1	
1	15	1	2	1	1	2	2	1	.....	1	2	2	3	2	3	1	1	164B
....	20	2	.....	3	....	.....	1	2	3	3	4	2	1	1	1	3	4	
....	50	2	3	4	....	9	1	4	4	8	7	2	4	5	6	2	7	164C
....	4	.....	1	1	....	.....	.....	1	.....	.....	.....	.....	1	1	2	1	.....	
....	14	.....	1	2	....	2	1	.....	1	2	1	3	1	2	1	1	2	164D
....	2	.....	.....	1	....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	
....	9	2	.....	5	....	2	2	1	2	1	1	2	1	1	.....	1	2	164E
....	6	1	.....	1	....	.....	.....	.....	1	2	.....	2	1	.....	1	1	.....	
....	1	.....	.....	3	1	1	.....	1	.....	.....	2	.....	1	.....	.....	.....	.....	164F
....	1	1	.....	1	....	.....	1	.....	.....	1	.....	.....	.....	1	.....	.....	.....	
	2	.....	.....	.....	1	1	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	164G
....	1	.....	.....	.....	....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
....	16	2	.....	7	2	1	3	.....	3	.....	3	1	6	2	1	4	3	166–
....	13	1	.....	.....	....	2	1	1	.....	1	4	1	3	1	.....	.....	.....	168
....	5	1	.....	5	....	.....	2	.....	2	.....	1	.....	2	1	1	2	.....	166
....	3	1	.....	.....	....	.....	.....	.....	.....	.....	1	.....	3	.....	.....	.....	.....	
....	2	.....	.....	1	....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	167
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	
....	9	1	.....	1	2	.....	1	.....	1	.....	2	1	4	1	.....	1	2	168
....	9	.....	.....	.....	....	2	1	1	.....	1	3	.....	.....	1	.....	.....	.....	
24	1450	274	104	194	39	127	136	151	136	162	189	231	177	185	206	173	188	169–
2	662	145	40	33	2	66	67	72	67	67	89	83	76	80	73	70	72	195
5	64	11	3	13	7	5	9	8	6	3	11	10	7	11	7	12	9	169
....	9	1	.....	1	....	1	1	3	1	1	2	.....	.....	1	1	.....	.....	
5	446	101	34	73	6	47	35	53	31	47	47	51	75	64	77	60	73	170
....	123	25	12	15	....	8	8	9	12	9	21	22	21	20	18	14	13	
1	28	1	1	3	....	9	2	.....	4	1	1	2	3	2	5	1	3	170A
....	10	1	.....	4	....	3	1	.....	3	.....	2	.....	.....	1	2	2	2	
....	4	1	.....	.....	....	.....	1	1	.....	.....	.....	.....	.....	.....	1	.....	2	170B
....	1	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	
4	408	99	33	70	6	38	32	50	27	46	46	47	72	62	70	58	68	170C
....	112	24	12	11	....	6	7	9	9	9	19	22	20	19	16	12	11	
....	6	.....	.....	.....	....	.....	.....	2	.....	.....	.....	2	.....	.....	1	1	.....	170D
1	26	5	.....	2	1	2	3	2	2	5	5	3	1	1	1	3	6	171
....	9	.....	.....	1	....	.....	1	.....	1	.....	.....	2	1	1	.....	.....	4	
1	8	4	.....	2	1	1	2	1	2	2	2	1	1	.....	.....	1	2	171A
....	3	.....	.....	1	....	.....	1	.....	1	.....	.....	1	1	.....	.....	.....	.....	
....	18	1	.....	.....	....	1	1	1	.....	3	3	2	.....	1	1	2	4	171B
....	6	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	4	
3	62	5	10	4	3	.....	.....	.....	5	12	8	16	11	16	8	6	2	172
....	5	.....	3	1	....	.....	.....	.....	.....	.....	3	2	1	2	1	.....	.....	
2	63	33	30	13	7	8	20	13	16	8	8	10	5	11	27	10	10	173
....	2	.....	1	.....	....	.....	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	
....	38	3	.....	14	....	3	7	6	3	2	6	4	4	5	5	7	3	174
....	79	5	1	6	2	7	7	3	4	8	9	14	12	5	12	6	6	175

TABLE 36—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
				Single					Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
175A. Accidents involving agricultural machinery and vehicles	M	34	.....	4	4	3	4	.....	.....	2	5	5	.....	7
175B. Injury by animals, in agriculture	M	16	.....	.....	1	.....	.....	.....	.....	1	7	5	.....	2
175C. Other agricultural accidents	M	24	.....	2	1	1	2	.....	.....	2	10	6	.....	.....
175D. Accidents involving forestry machinery and vehicles	M	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
175E. Other forestry accidents	M	18	.....	4	4	2	.....	.....	.....	3	2	1	.....	2
176. Other accidents involving machinery	M	39	2	3	6	.....	.....	.....	1	11	13	1	.....	1
	F	3	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1
177. Food poisoning	M	6	3	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1
	F	2	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....
178. Accidental absorption of poisonous gas	M	33	5	2	4	2	.....	.....	1	2	7	3	.....	7
	F	13	3	1	1	.....	2	.....	.....	.....	1	2	.....	3
178A. Coal and illuminating gas	M	6	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	4
	F	3	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	2
178B. Motor vehicle exhaust gas	M	9	.....	1	1	.....	.....	.....	1	1	4	.....	.....	1
	F	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
178C. Other carbon-monoxide gas	M	12	4	.....	1	1	.....	.....	.....	.....	2	2	.....	2
	F	7	3	.....	.....	.....	2	.....	.....	.....	.....	1	.....	1
178D. Other poisonous gases.	M	6	1	1	.....	1	.....	.....	.....	1	1	1	.....	.....
	F	2	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
179. Acute accidental poisoning by solids or liquids.	M	10	2	.....	2	.....	.....	.....	.....	3	.....	3	.....	.....
	F	12	6	.....	.....	.....	.....	.....	.....	1	3	.....	.....	2
180. Conflagration	M	45	23	.....	5	1	1	.....	.....	4	4	3	.....	4
	F	35	16	3	1	1	3	.....	.....	5	.....	1	.....	5
181. Accidental burns (conflagration excepted)	M	51	12	1	6	1	2	.....	2	6	8	8	.....	5
	F	50	23	2	.....	1	2	.....	.....	2	7	3	.....	9
182. Accidental mechanical suffocation	M	25	19	1	1	.....	.....	.....	1	1	1	.....	.....	1
	F	26	25	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
183. Accidental drowning	M	174	74	26	16	3	1	.....	3	18	18	4	.....	6
	F	33	19	4	1	.....	.....	.....	1	4	3	.....	.....	.....
184. Accidental injury by firearms	M	30	5	12	2	.....	.....	.....	2	6	2	1	.....	.....
	F	4	1	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
185. Accidental injury by cutting or piercing instruments	M	6	3	1	.....	1	.....	.....	.....	.....	.....	1	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
186. Accidental injury by fall or crushing	M	337	16	17	16	15	25	.....	2	14	56	87	.....	87
	F	418	2	.....	.....	6	61	.....	1	3	17	72	.....	256
188. Injury by animals	M	10	5	.....	1	.....	.....	.....	.....	.....	.....	3	.....	1
	F	5	2	.....	1	.....	.....	.....	.....	.....	1	.....	.....	1
189. Hunger or thirst	M	2	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
190. Excessive cold	M	9	.....	.....	.....	3	.....	.....	.....	1	.....	2	.....	3
	F	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
191. Excessive heat	M	13	3	.....	1	1	.....	.....	.....	.....	1	6	.....	1
	F	12	3	.....	1	.....	1	.....	.....	.....	3	.....	.....	4
192. Lightning	M	12	1	3	2	2	.....	.....	.....	1	3	.....	.....	.....
193. Accidents due to electric currents	M	17	1	4	4	1	.....	.....	.....	4	2	.....	1	.....
195. Other accidents	M	72	22	4	3	3	3	.....	2	10	10	5	.....	10
	F	58	15	2	.....	.....	5	.....	.....	1	2	6	.....	27
195A. Sequelae of prevention immunization, inoculation or vaccination	M	2	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
	F	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
195B. Other accidents due to medical or surgical intervention	M	2	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
195C. Lack of care of the new-born	M	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
195D. Obstruction, suffocation or puncture by ingested objects	M	27	17	.....	1	1	1	.....	1	3	2	.....	.....	1
	F	14	10	.....	.....	.....	.....	.....	.....	1	1	.....	.....	2
195E. Other and unspecified objects	M	40	3	4	2	2	2	.....	1	6	6	5	.....	9
	F	41	2	2	.....	.....	5	.....	.....	.....	1	6	.....	25

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1941—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	29	3	....	2	....	2	4	....	2	3	2	7	6	1	5	1	1	175A
....	15	....	....	1	....	2	....	1	1	2	2	3	2	....	1	....	2	175B
....	22	1	1	....	....	1	1	1	1	1	3	3	3	3	5	1	1	175C
....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	175D
....	13	....	....	3	2	2	2	1	....	2	1	1	1	1	1	4	2	175E
1	23	7	....	8	1	2	5	2	6	3	5	5	1	4	3	2	1	176
....	2	1	....	....	....	....	1	....	....	1	....	....	....	....	....	....	1	
....	5	....	....	1	....	1	....	....	1	....	2	2	....	....	....	....	....	177
....	....	2	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	
....	23	6	2	2	....	5	3	5	2	1	2	2	1	1	4	3	4	178
....	6	7	....	....	....	2	1	4	....	1	....	....	....	....	1	2	2	
....	5	1	....	....	....	....	....	....	1	1	....	....	1	....	....	1	2	178A
....	1	2	....	....	....	1	....	1	....	....	....	....	....	....	....	1	....	
....	6	2	1	....	....	2	1	1	1	....	....	....	....	....	2	1	1	178B
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	
....	9	2	1	....	....	3	2	2	....	....	....	2	....	....	1	1	1	178C
....	4	3	....	....	....	1	1	2	....	1	....	....	....	....	....	....	2	
....	3	1	....	2	....	....	....	2	....	....	2	....	....	1	1	....	....	178D
....	....	2	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	
....	3	....	2	5	....	....	2	....	....	1	....	2	....	1	1	2	1	179
....	8	2	....	2	....	3	2	....	2	1	1	....	....	....	1	....	2	
....	38	6	....	....	1	3	1	7	6	9	1	....	1	1	4	4	8	180
....	29	4	1	1	....	6	1	8	3	5	2	....	2	1	....	3	4	
....	43	4	1	3	....	....	4	3	7	2	3	9	8	5	2	2	6	181
1	47	1	1	....	1	7	6	8	4	2	2	6	5	3	2	1	4	
....	24	....	....	1	....	4	1	3	4	2	1	2	....	1	2	3	2	182
....	25	....	1	....	....	2	4	....	....	2	1	3	....	2	3	5	4	
5	142	11	5	11	5	3	4	5	10	18	30	40	22	14	12	8	8	183
1	29	2	1	....	1	....	1	1	1	3	3	10	8	2	3	1	....	
....	27	....	2	1	....	7	2	....	3	....	1	1	....	3	7	5	1	184
....	4	....	....	....	....	....	....	....	....	1	....	....	....	2	....	....	1	
....	5	....	....	....	1	....	....	....	....	1	....	....	1	1	....	1	2	185
....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	
2	234	66	8	26	3	28	23	35	23	30	37	33	14	30	22	33	29	186
....	303	89	15	11	....	32	37	32	35	39	45	29	29	38	32	39	31	
....	7	1	1	....	1	1	....	....	1	1	1	....	3	1	1	....	1	188
....	4	1	....	....	....	....	....	....	1	....	....	1	1	1	....	....	1	
....	1	1	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	189
....	6	1	1	1	....	....	4	1	....	....	....	....	....	....	....	1	3	190
....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	1	....	
....	10	2	....	1	....	....	....	....	....	....	5	7	1	....	....	....	....	191
....	8	3	1	....	....	....	....	....	....	....	4	7	1	....	....	....	....	
....	8	....	1	3	....	....	....	....	....	1	2	8	....	....	1	....	....	192
....	14	1	1	....	1	....	1	1	....	2	3	4	....	3	3	....	....	193
....	59	5	2	6	....	1	5	4	6	6	2	6	10	7	7	5	13	195
....	47	7	3	1	....	5	1	7	6	2	4	1	7	7	10	3	5	
....	2	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	195A
....	3	....	....	....	....	....	....	1	....	....	....	....	....	1	1	....	....	
....	1	1	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	195B
....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	
....	25	1	1	....	....	....	3	1	2	....	1	3	4	1	2	4	6	195D
....	12	1	....	1	....	1	....	1	....	1	1	....	4	1	2	2	1	
....	30	3	1	6	....	1	2	3	3	4	1	3	6	6	4	1	6	195E
....	32	6	3	....	....	4	1	5	6	1	3	1	3	5	7	1	4	

TABLE 36—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Under 15	Single					Married					Widowed
				15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	
OPERATIONS OF WAR AND LEGAL EXECUTIONS														
198. Legal executions	M	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
CLASS XVIII.—ILL-DEFINED AND UNKNOWN CAUSES OF DEATH														
Total	...	106	29	5	3	7	7	.....	1	5	11	13	.....	24
	M	68	18	3	2	6	4	.....	.....	2	9	9	.....	14
	F	38	11	2	1	1	3	.....	1	3	2	4	.....	10
199. Sudden death	M	15	.....	.....	1	2	.....	.....	.....	1	4	2	.....	5
	F	4	.....	.....	.....	1	1	.....	.....	.....	1	.....	.....	1
200. Ill-defined and unknown causes	M	53	18	3	1	4	4	.....	.....	1	5	7	.....	9
	F	34	11	2	1	.....	2	.....	1	3	1	4	.....	9
200A. Ill-defined	M	24	6	.....	.....	3	1	.....	.....	1	5	4	.....	4
	F	18	4	.....	1	.....	1	.....	.....	2	1	4	.....	5
200B. Found dead	M	7	1	1	1	.....	1	.....	.....	.....	.....	1	.....	2
	F	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
200C. Unknown or unspecified causes	M	22	11	2	.....	1	2	.....	.....	.....	.....	2	.....	3
	F	15	7	1	.....	.....	1	.....	1	1	.....	.....	.....	4

SPECIAL CLASSES OF

(Included also under the numbers

ONTARIO,

A. Accidental absorption of poisonous gas	M	10	2	.....	3	.....	.....	.....	.....	1	2	.....	.....	2
	F	6	4	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
B. Accidental burns (conflagration excepted)	M	76	21	8	6	3	1	.....	1	15	12	3	.....	5
	F	32	12	2	2	.....	3	.....	.....	6	.....	1	.....	6
C. Accidental mechanical suffocation	M	4	.....	1	1	.....	.....	.....	.....	1	1	.....	.....	.....
D. Accidental drowning	M	102	7	20	19	4	1	.....	3	21	14	4	.....	6
	F	14	3	4	.....	.....	.....	.....	1	3	2	1	.....	.....
E. Accidental cutting or piercing	M	17	.....	2	3	1	.....	.....	.....	4	5	1	.....	1
	F	5	1	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....
F. Accidental fall	M	77	8	7	10	2	6	.....	.....	8	19	7	.....	9
	F	7	3	.....	.....	1	.....	.....	.....	1	2	.....	.....	.....
G. Accidental crushing	M	932	95	162	105	43	15	1	20	157	173	69	.....	81
	F	176	41	17	9	1	9	.....	6	21	27	15	.....	30

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1941—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	1	1	.....	.....	....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	198
1	89	7	2	5	3	9	12	11	14	7	3	8	6	10	8	7	11	
1	55	5	1	5	2	7	7	7	7	4	.....	3	5	7	7	6	8	
....	34	2	1	.....	1	2	5	4	7	3	3	5	1	3	1	1	3	
....	9	4	.....	2	....	4	4	.....	1	.....	.....	1	.....	.....	3	.....	2	199
....	4	.....	.....	.....	....	.....	.....	.....	3	.....	.....	1	.....	.....	.....	....	.....	
1	46	1	1	3	2	3	3	7	6	4	.....	2	5	7	4	6	6	200
....	30	2	1	.....	1	2	5	4	4	3	3	4	1	3	1	1	3	
....	21	1	1	1	....	.....	2	2	3	2	.....	2	2	5	3	1	2	200A
....	15	2	.....	.....	1	1	2	2	3	2	1	3	.....	1	1	.....	2	
....	6	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	1	2	.....	1	2	200B
....	.....	.....	1	.....	....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
1	19	.....	.....	2	1	3	1	4	3	2	.....	.....	2	.....	1	4	2	200C
....	15	.....	.....	.....	....	.....	3	2	1	1	2	1	1	2	.....	1	1	

ACCIDENTAL DEATHS

of the International List above)

1941

....	5	5	.....	.....	....	1	.....	2	1	3	.....	.....	.....	.....	.....	1	2	A
....	5	1	.....	.....	....	4	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	
1	49	5	19	2	1	4	3	7	8	7	2	5	2	4	23	3	8	B
....	25	4	2	1	....	3	1	5	3	5	3	.....	3	1	1	3	4	
....	4	.....	.....	.....	....	1	1	.....	.....	1	.....	.....	.....	.....	.....	.....	1	C
3	75	5	11	8	3	.....	1	.....	7	13	10	17	11	20	11	6	6	D
....	9	.....	3	2	....	.....	1	.....	.....	1	3	2	1	2	1	.....	3	
....	9	3	1	4	....	3	6	2	.....	.....	3	.....	.....	.....	2	1	.....	E
....	3	1	.....	1	....	.....	.....	.....	.....	1	1	1	.....	.....	1	.....	1	
1	61	4	1	10	1	3	2	3	3	6	3	16	11	7	9	10	4	F
....	6	1	.....	.....	....	.....	.....	1	.....	.....	1	1	1	.....	.....	1	2	
11	610	149	44	106	23	62	73	79	59	57	77	74	92	84	95	87	93	G
....	126	24	12	14	....	8	12	12	13	7	20	22	20	21	17	12	12	

TABLE 37—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora; incl. Patricia	Kent	Lambton
Total	15,884	75	214	284	499	216	327	149	192	200	293	347	240	175	180	453	242	57	234	386	542	154	372	386
CLASS I.—INFECTIOUS AND PARASITIC DISEASES																								
Total	1233	5	15	43	25	12	51	6	7	7	7	16	8	22	6	22	5	5	5	27	12	12	9	11
1. Typhoid fever	4						2																	
2. Paratyphoid fever	3																							
5. Undulant fever	1											1												
6. Cerebrospinal meningitis	6																						3	
8. Scarlet fever	19		1				2	1		1	2	1											1	2
9. Whooping-cough	48		1		3		3							1		1		1		3	1			
10. Diphtheria	5				2																			
11. Erysipelas	6												1							1				
12. Tetanus	2				1																			
13–22. Tuberculosis	709		9	32	6	2	25	1	2	2	2	4		14		1	2		1	6	6	9	2	4
13. Tuberculosis of the respiratory system	664		8	30	5	2	21	1	2	1	2	4		14			2		1	5	5	6	2	4
13A. With mention of occupational diseases of lungs	18			2			1																	
13B. Without mention of occupational diseases of lungs	611		7	28	4	2	19	1	2	1	2	4		14			2		1	5	4	5	2	
13C. Unspecified site	9		1		1		1														1	1		
13D. With mention of dementia praecox	26																							
14. Tuberculosis of the meninges and central nervous system	14		1	1	1		2									1						2		
15. Tuberculosis of the intestines and peritoneum	9																							
16. Tuberculosis of the vertebral column	4																			1	1			
17. Tuberculosis of other bones and joints	1																							
17B. Joints	1																							
19. Tuberculosis of the lymphatic system (bronchial, mesenteric, mediastinal and retroperitoneal glands excepted)	2																							
20. Tuberculosis of the genito-urinary system	3																							
21. Tuberculosis of other organs	1			1																				
22. Disseminated tuberculosis	11						2			1												1		
22A. Acute generalized miliary	9									1												1		
22B. Other and unspecified generalized	2						2																	
24. Purulent infection and septicaemia	7														1	1							1	
25. Gonococcus infection	1			1																				
27. Dysentery	18		1	2	4									1										
30. Syphilis	65			3	2	1					1	2	1							1		1		1
30A. Locomotor ataxia (tabes dorsalis)	1																							
30B. General paralysis of the insane	15																							
30C. Other syphilis of the central nervous system	6												1											
30D. Others under this title	43			3	2	1					1	2								1		1		1
33. Influenza	283	5	3	4	2	9	19	3	3	3	2	6	5	4	5	17	2	4	3	14	4	2	2	4
33A. With respiratory complications	180	4	2	3	2	7	7	2	2	2		5	2	2	4	14	2	4	2	8	1	1		3
33B. Without respiratory complications	103	1	1	1		2	12	1	1	1	2	1	3	2	1	3			1	6	3	1	2	1
35. Measles	26							1	2	1		1	1			2	1							
36. Acute poliomyelitis and polioencephalitis	4				4																			
37. Acute infectious encephalitis	8											1		1							1			
38. Other diseases due to filterable viruses	2																			1				

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1941

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Timiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
284	318	118	265	139	542	281	222	236	238	261	382	179	184	342	173	196	223	97	283	151	551	176	303	151	395	189	424	239	468	426	1411	
11	19	8	20	19	104	64	21	16	6	7	56	15	8	7	3	16	13	7	17	6	28	14	30	9	49	5	19	5	15	126	152	
...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	6
1	...	1	...	...	1	...	...	...	1	...	...	1	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	8
1	2	...	2	1	...	2	5	...	...	2	...	3	...	...	...	2	2	...	1	...	2	...	5	...	2	...	...	...	2	...	...	9
...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	10
...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
2	4	1	13	9	85	59	3	4	1	3	48	6	3	1	1	6	1	2	5	2	5	3	11	7	37	...	16	...	5	108	128	13–22
2	4	1	13	9	84	59	1	4	1	3	45	6	3	1	1	5	1	2	5	1	3	2	8	6	36	...	16	...	2	106	119	13
1	...	...	2	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	3	3	13A
1	3	1	11	9	79	59	1	4	1	3	20	6	3	1	...	5	1	2	5	1	3	2	8	5	36	...	15	...	1	102	116	13B
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	13C
...	...	...	...	...	...	...	...	...	...	...	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	13D
...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	2	1	...	...	...	...	...	...	1	14
...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	2	1	1	15
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	16
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	17
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	17B
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	19
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	1	20
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21
...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	1	2	22
...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	1	2	22A
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22B
...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	24
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25
...	...	...	...	1	1	...	1	1	1	...	...	...	1	...	...	...	...	1	1	...	...	1	...	...	1	...	...	...	...	...	...	27
1	5	2	1	...	5	1	2	2	1	...	2	...	...	2	...	...	1	...	2	...	3	...	2	1	1	...	...	1	...	9	8	30
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30A
...	2	...	1	...	1	...	1	...	...	...	1	...	...	2	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	5	1	30B
...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1	30C
...	1	2	...	...	4	1	1	2	1	...	1	...	...	...	...	...	1	...	2	...	2	...	1	1	1	...	...	1	...	3	6	30D
5	6	4	4	8	9	1	4	4	2	1	5	3	3	1	1	6	9	4	7	4	12	7	5	1	7	5	2	2	5	7	14	33
3	2	2	4	1	8	1	3	2	1	...	4	1	1	1	...	4	5	2	7	2	8	6	3	1	7	4	1	1	2	6	8	33A
2	4	2	...	7	1	...	1	2	1	1	1	2	2	...	1	2	4	2	...	2	4	1	2	...	...	1	1	1	3	1	6	33B
1	...	...	...	...	1	...	2	3	...	...	1	2	...	...	...	...	...	...	...	...	2	1	2	...	...	...	...	1	1	...	...	35
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	36
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	1	...	37
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	38

TABLE 37—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton
38c. Chicken-pox	1																							
38d. Others under this title	1																			1				
43. Mycoses	3				1															1				
44. Other infectious and parasitic diseases	13			1										1					1					
44b. Lymphogranulomatosis (Hodgkin's disease)	12			1										1					1					
44c. Mumps	1																							
CLASS II.—CANCER AND OTHER TUMOURS																								
Total	1657	5	12	29	65	20	28	23	18	21	40	32	30	14	18	45	27	8	26	41	66	12	25	51
45–55. Cancer and other malignant tumours	1623	5	11	29	63	20	27	22	17	20	40	30	30	14	18	44	27	8	26	41	63	12	23	49
45. Cancer of the buccal cavity and pharynx	53		1	1	1		2							4			4	1		4	3	1		4
46. Cancer of the digestive organs and peritoneum	843	2	6	13	29	10	21	9	11	10	19	19	13	7	10	27	14	2	14	17	28	7	15	21
46a. Oesophagus	30				1		1			1		1					1		1				1	
46b. Stomach	331		1	5	8	5	11	5	3	3	8	8	2	3	5	13	7	1	5	13	12	3	5	9
46c. Duodenum	4											1									1			
46d. Rectum and anus	75	1			3		1	1	2	1	1		1	1	1	1			1	1	1	1	2	1
46e. Intestines	232	1	4	3	11	1	5	1	3	3	6	4	7	2	1	11	3		4		10		1	8
46f. Liver and biliary passages	102		1	1	3	2	2		2	1	2	2	3	1	2	1	2	1	1	1	3	2	5	2
46g. Pancreas	61			4	3	1	1	2		1	2	2			1	1	1		1	2	1	1	1	1
46h. Mesentery and peritoneum	6					1			1			1												
46m. Other and unspecified sites	2																		1					
47. Cancer of the respiratory system	53		1	2	4		1	3			1	1	1			1	1			2	2	1		1
47a. Larynx	8			1	1																	1		
47b. Lung	36		1	1	2			2			1	1	1			1	1			2	2			1
47c. Mediastinum and other sites	9				1		1	1																
48. Cancer of the uterus	123			3	5	1	2		1	1			3	1	2	2	1	2		6	6		2	3
48a. Cervix	41			1			1		1				2		1			2		3	1		1	1
48b. Other and unspecified sites	82			2	5	1	1			1			1	1	1	2	1			3	5		1	2
49. Cancer of other female organs	54			1	1					1	2	1					1	1			5	1	2	5
50. Cancer of the breast	186	2	2	8	8	4		5	1	1	5	4	9		1	5			4	4	5	1	2	6
51. Cancer of the male genital organs	97				7	4			2	2	4	1	2		3	2	1		3	4	6		1	4
52. Cancer of the urinary organs	78	1			6	1	1	4		2	4	1	1	1		3	2		2	1	1		1	1
52a. Kidney	13															1								
52b. Bladder	65	1			6	1	1	4		2	4	1	1	1		2	2		2	1	1		1	1
53. Cancer of the skin	35		1						2					1		1			1		2			1
54. Cancer of the brain	19										2				1	1		1		2	2			
55. Cancer of other and unspecified organs	82			1	2			1		3	3	3	1		1	2	3	1	2	1	3	1		3
56. Non-malignant tumours	24		1		1				1	1		2				1					2		2	2
56a. Ovary	6				1				1							1								
56b. Uterus	2																							1
56d. Brain and other parts of the central nervous system	9											2									1		1	1
56e. Other and unspecified organs	7		1							1											1			1
57. Tumours of undetermined nature	10				1		1	1													1			
57d. Brain and other parts of the central nervous system	4							1													1			
57e. Other and unspecified organs	6				1		1																	
CLASS III.—RHEUMATISM, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS, OTHER GENERAL AND VITAMIN DEFICIENCY DISEASES																								
Total	443	2	8	6	23	4	8	5	9	5	9	13	7	2	5	17	10	1	6	13	23	4	9	11

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1941—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	...	..	..	..	...	..	...	..	1	..	..	..	...	...	...	...	..	38C
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	...	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	..	38D
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	...	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	1	43
...	2	..	...	..	1	..	..	1	...	...	...	..	1	...	1	..	..	..	...	..	1	1	..	..	..	..	...	1	...	1	.	44
...	1	..	...	..	1	..	..	1	...	...	...	..	1	...	1	..	..	..	...	..	1	1	..	..	..	..	...	1	...	1	..	44B
...	1	..	...	..	...	..	..	...	...	...	...	..	..	...	...	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	..	44C
33	23	9	26	16	62	20	13	16	22	38	42	9	19	42	20	23	20	9	30	13	43	19	19	7	38	11	35	21	54	40	209	
32	22	9	26	15	61	18	13	16	21	37	42	9	19	42	19	23	19	9	30	13	42	18	19	7	38	11	34	21	54	39	206	45–55
3	1	..	1	..	2	..	1	1	...	1	1	1	..	1	..	..	..	1	2	..	...	..	1	..	..	..	2	2	2	2	2	45
19	14	5	15	9	39	9	8	5	7	23	20	6	7	17	11	13	14	4	12	7	27	8	9	3	22	4	19	12	23	14	114	46
...	...	..	...	2	4	1	..	...	1	1	1	..	..	1	1	..	1	..	1	..	...	..	..	..	1	..	1	1	1	...	5	46A
6	2	1	5	3	13	5	5	1	1	10	7	3	1	6	6	6	7	3	6	3	14	1	5	2	8	2	7	6	8	3	40	46B
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	1	..	..	..	...	..	...	..	..	..	..	..	1	..	...	...	...	46C
1	2	2	2	..	2	..	..	1	...	4	3	1	1	6	..	1	1	..	...	..	3	1	1	..	..	..	1	2	3	2	14	46D
10	4	1	3	3	11	..	2	2	4	6	4	1	5	1	2	3	4	1	4	2	7	3	2	..	5	..	6	2	7	5	33	46E
2	3	1	3	1	6	2	..	1	1	2	2	1	..	2	1	2	1	..	...	2	2	3	1	1	3	1	2	1	2	2	11	46F
...	2	..	2	..	2	1	1	...	...	...	3	..	..	1	..	1	..	..	1	..	1	..	..	..	5	1	...	...	2	2	10	46G
...	1	..	...	..	...	..	..	...	...	...	...	..	..	...	...	..	..	..	...	..	...	..	..	..	..	..	1	...	...	...	1	46H
...	...	..	...	..	1	..	..	...	...	...	...	..	..	...	...	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	...	46M
...	...	..	1	..	2	2	..	...	...	2	...	..	..	...	1	..	..	..	1	..	1	..	2	..	4	..	1	3	1	4	6	47
...	...	..	...	..	...	1	..	...	...	1	...	..	..	...	...	..	..	..	1	..	...	..	1	..	...	..	...	1	...	...	...	47A
...	...	..	1	..	2	1	..	...	...	1	...	..	..	...	...	..	..	..	...	..	...	..	1	..	4	..	1	2	...	4	3	47B
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	1	..	..	..	...	..	1	..	...	..	...	..	...	...	1	...	3	47C
2	...	..	1	2	7	2	..	2	2	2	3	..	1	4	2	4	1	..	3	..	4	1	2	2	..	2	4	...	8	4	17	48
...	...	..	1	..	3	..	..	1	...	1	...	..	..	2	1	..	1	..	...	..	1	1	1	2	..	2	1	...	3	2	5	48A
2	...	..	...	2	4	2	..	1	2	1	3	..	1	2	1	4	..	..	3	..	3	..	1	..	..	1	3	...	5	2	12	48B
...	1	..	1	..	...	3	..	1	1	...	2	..	1	1	1	..	..	..	1	..	...	..	..	..	1	3	...	...	7	1	8	49
5	...	1	2	3	1	1	..	1	5	4	6	1	4	5	1	2	3	1	2	1	4	3	1	1	5	..	4	2	5	8	27	50
...	1	1	4	..	2	..	2	2	1	1	2	1	3	3	2	1	..	..	3	3	...	..	..	..	1	1	1	...	...	1	15	51
...	...	1	...	..	2	..	1	4	3	1	...	..	1	6	..	2	1	..	1	1	2	2	1	1	2	..	...	...	3	2	8	52
...	...	..	...	..	...	..	..	2	2	1	...	..	..	...	..	2	..	..	...	..	1	..	..	..	1	..	...	...	1	..	2	52A
...	...	1	...	..	2	..	1	2	1	...	...	..	1	6	..	..	1	..	1	1	1	2	1	1	1	..	...	...	2	2	6	52B
...	1	..	...	..	2	..	..	...	...	1	1	..	..	2	..	..	..	2	2	1	2	1	2	..	2	..	1	...	1	1	4	53
1	...	1	1	1	...	..	..	...	...	...	...	..	..	1	..	..	..	..	1	..	2	..	..	..	..	..	1	...	...	...	1	54
2	4	..	...	..	4	1	1	...	2	2	7	..	2	2	1	1	..	1	2	..	...	3	1	..	1	1	1	2	4	2	4	55
...	1	..	...	..	...	2	..	...	1	1	...	..	..	...	..	..	1	..	...	..	1	1	..	..	..	..	...	...	...	1	2	56
...	...	..	...	..	...	2	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	1	56A
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	1	..	...	..	...	..	..	..	..	..	...	...	...	...	...	56B
...	1	..	...	..	...	..	..	...	...	...	1	..	..	...	..	..	..	..	...	..	1	..	..	..	..	..	...	...	...	...	1	56D
...	...	..	...	..	...	..	..	...	1	...	...	..	..	...	..	..	..	..	...	..	...	1	..	..	..	..	...	...	...	1	..	56E
1	...	..	...	1	1	..	..	...	...	...	...	..	..	...	1	..	..	..	...	..	...	..	..	..	..	..	1	...	...	...	1	57
...	...	..	...	1	1	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	...	57D
1	...	..	...	..	...	..	..	...	...	...	...	..	..	...	1	..	..	..	...	..	...	..	..	..	..	..	1	...	...	...	1	57E
2	9	2	5	3	11	3	6	16	3	5	11	4	4	12	4	4	7	3	4	3	22	10	10	3	11	9	6	3	10	8	30	

TABLE 37—CAUSES OF DEATH FOR COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton
58. Acute rheumatic fever	33	..	..	1	1	1	2	1	..	...	1	2	...	..	..	1	...	..	...	...	...	1	...	1
58A. Acute rheumatic heart conditions	28	..	..	1	1	1	2	..	..	...	...	2	...	..	..	1	...	..	...	...	...	1	...	1
58B. Others under this title	5	..	..	..	...	...	..	1	..	...	1	...	...	..	..	...	...	..	...	...	...	...	...	...
59. Chronic rheumatism and other rheumatic diseases	34	..	1	..	3	1	..	1	..	1	2	...	...	1	1	1	2	1	...	2	...	1	...	1
61. Diabetes mellitus	268	..	5	3	13	2	2	3	8	3	6	6	6	1	3	9	5	..	6	7	19	..	7	5
62. Diseases of the pituitary gland	1	..	1	..	...	...	...	...	...	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
63. Diseases of the thyroid and parathyroid glands	79	2	1	2	6	...	1	..	..	1	...	2	1	..	..	6	2	..	...	3	4	1	2	2
63A. Simple goitre	3	..	..	..	...	...	...	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
63B. Exophthalmic goitre	70	2	1	2	5	...	1	..	..	1	...	2	1	..	..	6	2	..	...	2	4	1	2	2
63C. Myxoedema and cretinism	5	..	..	..	1	...	...	..	..	...	...	...	...	..	..	...	...	..	...	1	...	..	...	...
63D. Others under this title	1	..	..	..	...	...	...	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
64. Diseases of the thymus gland	19	..	..	..	...	...	2	..	..	...	...	3	...	..	..	...	1	..	...	1	...	1	...	1
65. Diseases of the adrenal glands (Addison's disease)	2	..	..	..	...	...	...	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
66. Other general diseases	4	..	..	..	...	...	...	..	1	...	...	...	...	..	1	...	...	..	...	...	...	..	...	1
66A. Osteomalacia	2	..	..	..	...	...	...	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	1
66B. Others under this title	2	..	..	..	...	...	...	..	1	...	...	...	...	..	1	...	...	..	...	...	...	..	...	...
67. Scurvy	1	..	..	..	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
70. Rickets	1	..	..	..	...	...	...	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
71. Other vitamin deficiency diseases	1	..	..	..	...	...	...	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS																								
Total	111	..	..	3	4	1	1	1	1	1	3	3	1	..	1	6	...	..	2	1	6	2	3	5
72. Haemorrhagic conditions	4	..	..	..	...	...	...	..	1	...	...	...	...	..	..	...	...	..	...	...	1	..	...	...
72A. Primary purpura	3	..	..	..	...	...	...	..	1	...	...	...	...	..	..	...	...	..	...	...	1	..	...	...
72B. Haemophilia	1	..	..	..	...	...	...	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
73. Anaemias	65	..	..	2	2	...	1	1	..	1	2	...	1	..	..	5	...	..	1	1	3	2	2	4
73A. Pernicious anaemia	52	..	..	2	...	...	1	..	..	1	1	...	1	..	..	3	...	..	1	1	2	2	2	4
73B. Others under this title	13	..	..	..	2	...	..	1	..	...	1	...	...	..	..	2	...	..	...	...	1	..	...	...
74. Leukaemias and aleukaemias	38	..	..	1	2	1	..	..	..	...	1	3	...	..	1	1	...	..	1	...	2	..	...	1
74A. Leukaemias	36	..	..	1	2	...	...	..	..	...	1	3	...	..	1	1	...	..	1	...	2	..	...	1
74B. Aleukaemias (Hodgkin's disease excepted)	2	..	..	..	...	1	...	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
75. Diseases of the spleen	3	..	..	..	...	...	...	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
76. Other diseases of the blood and blood-forming organs	1	..	..	..	...	...	...	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	1	...
CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS																								
Total	10	..	..	..	...	...	3	..	1	...	...	...	...	..	..	...	...	..	...	...	...	..	...	1
77. Alcoholism	7	..	..	..	...	...	3	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	1
77A. Acute alcoholism	2	..	..	..	...	...	...	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	1
77B. Chronic alcoholism	1	..	..	..	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
77C. Others under this title	4	..	..	..	...	...	2	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
79. Chronic poisoning by other mineral and organic substances	3	..	..	..	...	...	...	..	1	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
79B. Non-occupational	3	..	..	..	...	...	...	..	1	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE																								
Total	1967	12	13	31	70	30	23	17	26	29	46	28	26	25	41	63	40	6	31	56	77	10	58	42
80. Encephalitis (non-epidemic)	10	..	..	..	1	...	...	..	..	...	...	1	...	..	..	1	...	..	...	1	...	1	...	...
80A. Intracranial abscess	2	..	..	..	...	...	...	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
80B. Others under this title	8	..	..	..	1	...	...	..	..	...	...	1	...	..	..	1	...	..	...	1	...	1	...	...
81. Meningitis (non-meningococcal)	14	..	..	..	...	...	1	..	..	2	...	...	...	..	..	...	...	..	...	...	...	..	...	1
81A. Simple meningitis	8	..	..	..	...	...	...	..	..	2	...	...	...	..	..	...	...	..	...	...	...	..	...	...

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1941—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
...	...	..	...	..	...	..	3	...	1	1	1	1	..	2	..	2	..	..	..	..	...	..	3	..	2	..	...	...	2	...	3	58
...	...	..	...	..	...	..	3	...	1	1	1	1	..	...	..	2	..	..	..	..	...	..	3	..	2	..	...	...	2	...	2	58A
...	...	..	...	..	...	..	...	...	...	...	...	..	..	2	..	..	..	..	..	..	...	..	..	..	..	..	...	...	...	...	1	58B
...	1	..	...	..	1	..	...	...	...	...	...	1	..	1	1	..	1	..	...	..	...	4	..	..	..	1	1	...	1	...	2	59
2	6	..	3	1	7	2	2	12	2	1	7	2	3	4	3	1	5	2	3	3	15	5	5	2	7	5	3	3	6	6	21	61
...	...	..	...	..	...	..	...	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	...	62
...	1	1	1	2	3	..	..	2	...	3	3	..	1	5	..	1	1	1	1	..	6	..	2	..	1	2	...	...	...	2	4	63
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	...	...	...	1	2	63A
...	1	1	1	2	2	..	..	2	...	3	2	..	1	4	..	1	1	1	1	..	5	..	2	..	1	2	...	...	...	1	2	63B
...	...	..	...	..	1	..	..	...	...	...	1	..	..	1	..	..	..	..	...	..	...	..	...	..	..	..	...	...	...	...	...	63C
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	1	..	...	..	..	..	...	...	...	...	...	63D
...	...	1	1	..	...	1	1	1	...	...	...	..	..	...	..	..	..	..	...	..	...	1	..	1	1	..	1	...	1	...	...	64
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	1	1	...	...	...	...	65
...	1	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	...	...	...	...	...	66
...	1	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	...	...	...	...	...	66A
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	...	...	...	...	...	66B
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	...	...	...	...	...	67
...	...	..	...	..	...	..	..	1	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	...	...	...	...	...	70
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	1	..	...	..	..	..	...	...	...	...	...	71
5	...	..	...	..	5	..	..	1	5	5	5	1	2	4	1	1	6	..	2	..	9	1	...	..	1	1	3	2	3	...	11	
...	...	..	...	..	1	..	..	...	...	...	...	..	..	...	..	..	1	..	...	..	...	..	...	..	..	..	...	...	...	...	...	72
...	...	..	...	..	1	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	...	...	...	...	...	72A
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	1	..	...	..	...	..	...	..	..	..	...	...	...	...	...	72B
2	...	..	...	..	3	..	..	1	2	2	3	1	1	3	..	..	3	..	2	..	6	..	...	..	..	1	1	2	2	...	2	73
2	...	..	...	..	2	..	..	...	2	2	3	..	1	3	..	..	3	..	2	..	4	..	...	..	..	1	1	2	1	...	2	73A
...	...	..	...	..	1	..	..	1	...	...	...	1	..	...	..	..	...	..	...	..	2	..	...	..	..	..	...	...	1	...	...	73B
1	...	..	...	..	1	..	..	...	1	1	...	..	1	1	1	1	1	..	...	..	2	1	...	..	1	..	2	...	1	...	8	74
1	...	..	...	..	1	..	..	...	1	1	...	..	1	1	1	1	1	..	...	..	1	1	...	..	1	..	2	...	1	...	8	74A
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	1	..	...	..	..	..	...	...	...	...	...	74B
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	1	..	...	..	1	..	...	..	..	..	...	...	...	...	1	75
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	...	..	...	..	...	..	...	..	..	..	...	...	...	...	...	76
1	...	..	...	..	...	..	1	1	...	...	...	..	..	...	..	1	..	..	...	..	...	..	...	..	..	..	...	...	...	...	1	
1	...	..	...	..	...	..	1	...	...	...	...	..	..	...	..	1	..	..	...	..	...	..	...	..	..	..	...	...	...	...	...	77
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	1	..	..	...	..	...	..	...	..	..	..	...	...	...	...	...	77A
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	...	...	...	...	...	77B
1	...	..	...	..	...	..	1	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	...	...	...	...	...	77C
...	...	..	...	..	...	..	..	1	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	...	...	...	...	1	79
...	...	..	...	..	...	..	..	1	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	...	...	...	...	1	79B
44	44	12	38	17	52	31	8	27	27	40	47	28	28	39	22	19	28	9	36	16	82	22	17	9	31	36	31	22	53	52	200	
...	...	..	...	1	...	..	..	...	...	...	...	..	..	...	1	..	..	..	1	..	...	..	...	..	1	..	...	...	...	...	1	80
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	1	..	...	..	...	..	1	..	...	...	...	...	...	80A
...	...	..	...	1	...	..	..	...	...	...	...	..	..	...	1	..	..	..	...	..	...	..	...	..	..	..	...	...	...	...	1	80B
...	...	..	...	..	...	1	..	...	...	...	...	..	..	1	..	..	..	..	1	1	2	..	1	..	..	..	...	1	1	...	1	81
...	...	..	...	..	...	..	..	...	...	...	...	..	..	1	..	..	..	..	...	1	1	..	1	..	..	..	...	1	1	...	...	81A

TABLE 37—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton
81B. Acute cerebrospinal meningitis	6	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
82. Diseases of the medulla and spinal cord	34	..	..	..	1	1	..	1	..	1	2	1	..	..	1	2	..	..	..	1	1	..	..	..
83. Intracranial lesions of vascular origin	1728	11	10	30	65	24	16	14	24	25	38	24	22	23	37	51	39	6	30	48	69	9	54	36
83A. Cerebral haemorrhage or effusion	568	3	2	12	15	8	11	2	10	11	19	9	6	6	10	17	12	2	6	24	35	4	15	16
83B. Cerebral embolism and thrombosis	80	..	..	3	5	..	1	1	1	1	1	3	2	1	3	2	..	..	2	4	4	..	2	1
83C. Cerebral softening	6	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
83D. Heminplegia and other paralysis of unspecified origin	73	..	2	..	4	1	4	..	2	..	..	..	..	2	..	1	1	1	2	3	2	..	4	1
83E. With mention of arteriosclerosis	1001	8	6	15	41	15	..	9	11	13	18	12	14	14	24	31	26	3	20	17	27	5	33	18
84. Mental disorders and deficiency (general paralysis of the insane excepted)	25	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	1	2	..	..	1
84A. Schizophrenia (dementia praecox)	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
84B. Others under this title	22	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	1	2	..	..	1
85. Epilepsy	34	..	..	..	..	1	..	1	..	..	2	..	3	1	1	1	..	..	..	..	..	..	2	1
86. Convulsions (under 5 years of age)	23	..	2	..	..	1	3	..	1	1	..	..	..	..	..	..	..	..	..	1	1	..	..	1
87. Other diseases of the nervous system	86	1	1	..	3	2	..	1	1	..	4	2	1	1	2	7	1	..	1	2	3	..	2	2
87A. Chorea	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..
87B. Neuritis	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
87C. Paralysis agitans	33	..	..	..	2	..	..	..	1	..	2	1	..	1	1	2	1	..	..	..	1	..	1	1
87D. Disseminated sclerosis	36	1	..	..	1	..	..	1	..	..	..	..	1	..	1	5	..	..	1	1	1	..	1	1
87E. Others under this title	15	..	1	..	..	2	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..
88. Diseases of organs of vision	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
89. Diseases of the ear and of the mastoid process	12	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..
89A. Otitis and other diseases of the ear	5	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..
89B. Diseases of the mastoid process	7	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM																								
Total	5508	29	69	94	175	83	43	51	69	88	101	144	95	64	50	174	72	18	106	134	190	36	159	152
90-95. Diseases of the heart	5020	28	61	82	158	78	40	43	62	80	86	139	92	58	41	150	65	17	104	124	165	36	145	134
90. Pericarditis (acute rheumatic excluded)	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
90B. Others under this title	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
91. Acute endocarditis (non-rheumatic)	30	..	..	1	..	..	1	..	..	..	..	1	1	..	..	..	4	..	..	1	..	..	..	1
91A. Bacterial endocarditis (acute, subacute or unspecified)	14	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	3	..	..	..	..	..	..	1
91B. Other acute or subacute endocarditis	8	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
91C. Endocarditis (not specified under 45 years)	8	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
92. Chronic affections of the valves and endocardium	590	1	19	5	23	7	6	5	6	15	8	15	3	21	5	13	8	3	16	9	17	12	22	4
92A. Specified valvular diseases (rheumatic)	175	..	3	3	8	1	2	3	1	5	4	6	..	5	2	3	1	3	3	2	5	1	7	1
92B. Other specified valvular diseases (non-rheumatic)	302	1	12	2	13	4	2	2	3	9	3	6	3	11	2	8	3	..	9	5	7	7	11	1
92C. Unspecified valvular lesions and endocarditis	113	..	4	..	2	2	2	..	2	1	1	3	..	5	1	2	4	..	4	2	5	4	4	2
93. Diseases of the myocardium	2763	13	31	49	99	50	18	22	41	44	37	65	61	27	19	100	34	13	63	72	92	10	71	86
93A. Acute myocarditis	49	..	..	7	1	2	..	..	2	..	3	3	..	2	..	..	1	..	..	1	1	..	2	3
93B. Myocarditis (not specified under 45 years)	16	..	..	..	3	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	1
93C. Chronic myocarditis and myocardial degeneration (rheumatic)	94	..	..	3	6	1	..	1	1	4	..	..	2	1	..	3	..	..	3	2	7	..	2	5
93D. Chronic myocarditis (non-rheumatic)	2087	8	18	33	72	28	9	18	24	38	32	46	51	15	16	77	25	8	48	53	69	4	59	60
93E. Other myocarditis (not specified)	517	5	13	6	17	18	9	3	14	2	2	16	7	9	3	20	8	5	12	16	15	5	8	17

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1941—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
...	...	..	...	..	...	1	..	...	...	...	...	..	..	...	..	..	..	..	1	..	1	..	..	..	..	..	...	...	...	...	1	81B
...	...	..	1	..	1	..	..	1	1	1	2	1	..	1	1	..	1	..	...	..	2	1	..	..	..	..	...	1	2	...	5	82
42	37	12	36	15	47	28	6	23	24	38	43	26	27	35	18	18	26	9	32	14	54	18	15	5	27	34	30	19	45	47	173	83
8	7	4	7	6	17	10	1	11	14	8	7	8	8	14	6	6	5	4	15	4	4	9	8	3	8	8	10	11	19	11	52	83A
...	1	..	2	..	3	1	..	...	1	4	1	1	..	2	1	1	2	..	4	..	7	..	..	..	2	..	...	...	1	...	9	83B
...	...	1	...	..	...	..	..	...	...	...	...	..	..	...	..	1	1	..	...	..	...	..	..	..	..	..	...	...	...	...	...	83C
...	...	..	...	1	1	2	1	...	1	...	1	3	1	1	..	2	..	2	1	1	...	1	..	..	3	3	1	...	...	4	13	83D
34	29	7	27	8	26	15	4	12	8	26	34	14	18	18	11	8	18	3	12	9	43	8	7	2	14	23	19	8	25	32	99	83E
...	4	..	...	..	1	..	..	1	...	...	1	..	1	...	..	..	..	..	...	..	6	..	..	2	..	..	...	...	...	1	1	84
...	...	..	...	..	1	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	1	..	..	...	...	...	1	...	84A
...	4	..	...	..	...	..	..	1	...	...	1	..	1	...	..	..	..	..	...	.	6	..	..	1	..	..	...	...	...	...	1	84B
...	2	..	...	..	...	..	..	...	...	1	1	..	..	...	..	1	..	..	1	1	5	..	..	1	1	..	...	...	3	2	2	85
1	1	..	...	..	...	1	2	...	...	...	...	1	..	1	1	..	1	..	...	..	1	..	..	..	..	..	...	...	1	...	1	86
1	...	..	1	1	3	1	..	2	2	...	...	..	..	1	1	..	..	..	1	..	10	3	..	1	1	2	1	1	1	1	14	87
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	...	87A
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	...	87B
1	...	..	...	1	2	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	5	..	..	1	1	..	...	...	...	...	8	87C
...	...	..	1	..	1	1	..	2	2	...	...	..	..	1	1	..	..	..	1	..	1	2	..	..	..	2	1	...	1	...	4	87D
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	4	1	..	..	..	..	...	1	...	1	2	87E
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	1	88
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	2	..	1	..	1	..	...	...	...	1	1	89
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	1	1	89A
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	2	..	1	..	1	..	...	...	...	...	...	89B
112	134	50	103	42	187	88	52	91	108	99	110	47	74	143	72	51	83	24	104	47	198	49	93	28	87	72	91	105	174	115	479	
104	116	45	98	38	166	77	51	82	98	88	103	46	70	134	67	45	75	21	96	43	177	45	91	27	77	65	87	101	154	108	437	90–95
...	...	..	1	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	1	...	..	..	..	..	..	...	...	...	...	...	90
...	...	..	1	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	1	...	..	..	..	..	..	...	...	...	...	...	90B
2	...	..	1	..	...	1	1	...	...	1	...	3	..	...	..	..	..	..	2	..	3	..	..	..	..	..	2	1	1	...	2	91
1	...	..	1	..	...	1	..	...	...	1	...	..	..	...	..	..	..	..	...	..	2	..	..	..	..	..	1	...	1	...	1	91A
...	...	..	...	..	...	..	..	...	...	...	...	3	..	...	..	..	..	..	1	..	...	..	..	..	..	..	1	...	...	...	...	91B
1	...	..	...	..	...	..	1	...	...	...	...	..	..	...	..	..	..	..	1	..	1	..	..	..	..	..	...	1	...	...	1	91C
3	9	3	10	8	13	3	7	5	14	14	18	1	7	11	2	9	15	7	14	4	22	8	17	..	11	7	10	9	31	2	53	92
1	4	..	1	..	6	1	1	2	8	4	5	..	3	4	1	4	3	1	1	3	7	2	8	..	..	4	...	2	3	...	27	92A
2	4	3	5	8	4	1	3	2	5	10	6	1	4	6	1	1	3	4	10	1	14	4	6	..	8	3	9	4	24	2	20	92B
...	1	..	4	..	3	1	3	1	1	...	7	..	..	1	..	4	9	2	3	..	1	2	3	..	3	..	1	3	4	...	6	92C
69	79	31	52	22	94	48	30	51	51	34	61	29	28	88	43	28	42	2	52	29	75	25	34	15	39	29	52	64	76	81	193	93
...	...	..	...	..	1	..	1	...	2	...	...	..	..	1	2	1	...	...	...	2	...	4	1	..	1	..	...	...	...	2	3	93A
...	...	..	...	..	...	1	1	...	...	...	...	..	..	...	..	..	1	..	...	..	1	..	1	..	1	..	...	2	...	...	1	93B
3	1	..	2	..	6	..	..	...	1	1	1	1	1	3	1	..	3	..	3	2	3	1	..	..	2	2	3	...	3	2	8	93C
54	72	28	38	22	67	46	17	32	38	28	40	20	22	79	34	18	25	..	34	20	60	9	21	13	26	24	35	53	63	72	166	93D
12	6	3	12	..	20	1	11	19	10	5	20	8	5	5	6	9	13	2	15	5	11	11	11	2	9	3	14	9	10	5	15	93E

TABLE 37—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton
94. Diseases of the coronary arteries and angina pectoris	1452	14	10	24	21	19	12	14	12	20	40	54	26	4	14	36	18	1	19	35	50	12	45	41
94A. Diseases of the coronary arteries	1347	12	7	21	20	17	11	14	12	20	35	53	25	3	11	35	16	1	18	32	43	12	40	38
94B. Angina pectoris	105	2	3	3	1	2	1	..	..	...	5	1	1	1	3	1	2	..	1	3	7	..	5	3
95. Other diseases of the heart	183	..	1	3	15	2	3	2	3	1	1	4	1	6	3	1	1	..	6	7	6	2	7	2
95A. Functional diseases of the heart (no organic lesion)	19	..	..	..	1	1	..	..	2	...	...	...	1	..	..	...	...	..	...	...	1	1	1	...
95B. Other diseases of the heart (rheumatic)	19	..	..	2	1	...	1	..	..	...	...	...	...	..	..	...	...	..	1	...	1	..	2	...
95C. Other diseases of the heart (non-rheumatic)	145	..	1	1	13	1	2	2	1	1	1	4	...	6	3	1	1	..	5	7	4	1	4	2
96. Aneurysm (heart and aorta excepted)	5	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	1	..	...	...
97. Arterioslerosis (coronary or renal sclerosis or cerebral haemorrhage excepted)	409	1	7	11	15	5	1	8	7	8	14	5	3	5	6	21	6	1	2	10	17	..	9	15
98. Gangrene	20	..	..	..	...	...	1	..	..	...	...	...	...	1	..	1	...	..	...	...	3	..	...	1
99. Other diseases of the arteries	20	..	..	1	2	...	..	..	..	...	...	...	...	..	3	1	...	..	...	...	1	..	...	2
100. Diseases of the veins	14	..	..	..	...	...	..	..	..	...	...	...	...	..	..	1	1	..	...	...	2	..	2	...
102. High blood pressure (idiopathic)	20	..	1	..	...	...	1	..	..	...	1	...	...	..	..	...	...	..	...	...	1	..	3	...
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM																								
Total	764	1	15	7	30	14	25	10	11	11	6	13	20	11	9	26	8	4	6	20	23	13	21	15
104. Diseases of the nasal fossae and accessory sinuses	2	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
105. Diseases of the larynx	2	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
106. Bronchitis	52	..	1	1	8	2	..	..	3	...	...	...	...	1	..	4	...	..	1	1	2	..	1	1
106A. Acute	16	..	1	..	2	1	..	..	1	...	...	...	...	..	..	1	...	..	...	1	...	..	...	...
106B. Chronic	24	..	..	..	3	...	..	..	2	...	...	...	...	..	1.	1	...	..	1	...	2	..	1	1
106C. Unspecified	12	..	..	1	3	1	..	..	..	...	...	...	...	..	..	2	...	..	...	...	...	..	...	...
107. Broncho pneumonia	329	..	6	3	14	5	14	7	2	4	1	4	14	7	2	9	4	4	1	12	13	4	8	4
108. Lobar pneumonia	147	..	4	3	2	4	6	1	3	4	...	5	2	1	2	4	4	..	3	...	6	1	3	5
109. Pneumonia (unspecified)	134	1	4	..	2	1	3	..	1	2	2	2	3	2	5	6	...	..	...	4	...	6	6	2
110. Pleurisy	16	..	..	..	1	1	1	..	..	1	...	...	...	..	..	...	...	..	...	...	...	..	1	1
110A. Empyema	5	..	..	..	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
110B. Others under this title	11	..	..	..	1	1	..	..	..	1	...	...	...	..	..	...	...	..	...	...	...	..	1	1
111. Haemorrhagic infarction, congestion, oedema and thrombosis of the lungs	57	..	..	..	2	...	1	1	2	...	2	1	1	..	..	3	...	..	1	2	2	1	2	1
111A. Haemorrhagic infarction and thrombosis of the lungs	4	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
111B. Others under this title	53	..	..	..	2	...	1	1	2	...	2	1	1	..	..	3	...	..	1	2	2	1	2	1
112. Asthma	15	..	..	..	...	...	..	..	..	...	1	...	...	..	..	...	...	..	...	1	...	..	...	1
113. Pulmonary emphysema	1	..	..	..	...	...	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	.
114. Other diseases of the respiratory system (tuberculosis excepted)	9	..	..	..	1	1	..	1	..	...	...	...	...	..	..	...	...	..	...	...	...	1	...	..
114A. Silicosis	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	.
114D. Others under this title	8	..	..	..	1	1	..	1	..	...	...	...	...	..	..	...	...	..	...	...	...	1	...	...
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM																								
Total	533	4	13	18	19	1	19	4	4	4	8	8	3	4	7	16	10	1	5	10	23	6	7	19
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils	39	..	..	1	1	...	2	1	..	...	1	2	...	..	2	2	1	..	1	...	1	..	2	...
115A. Diseases of the teeth and gums	7	..	..	..	...	...	1	..	..	...	...	...	...	..	1	...	...	..	1	...	...	..	2	.
115B. Septic sore throat	16	..	..	1	...	...	..	1	..	...	1	1	...	..	1	2	...	..	...	...	1	..	...	...
115C. Diseases of the pharynx and tonsils	15	..	..	..	1	...	1	..	..	...	...	1	...	..	..	...	1	..	...	...	...	..	...	...
115D. Others under this title	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	.
116. Diseases of the oseophagus	3	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	..

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1941—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Timiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
25	25	11	30	2	52	22	10	25	31	32	20	13	33	31	21	3	17	9	28	7	72	12	38	12	21	29	22	25	44	25	164	94
25	24	9	26	2	47	20	8	24	30	32	15	12	31	31	19	3	14	9	25	5	70	7	37	12	20	24	22	24	41	24	159	94A
...	1	2	4	..	5	2	2	1	1	...	5	1	2	...	2	..	3	..	3	2	2	5	1	..	1	5	...	1	3	1	5	
5	3	..	4	6	7	3	3	1	2	7	4	..	2	4	1	5	1	3	...	2	5	..	2	..	6	..	1	2	2	...	25	95
1	...	..	...	..	...	..	..	...	1	1	3	..	..	1	..	..	..	..	...	..	...	..	..	..	..	..	1	...	...	..	3	95A
..	...	..	2	..	1	..	..	...	...	...	...	..	1	1	..	..	..	..	...	..	1	..	..	..	1	..	...	1	..	..	3	95B
4	3	..	2	6	6	3	3	1	1	6	1	..	1	2	1	5	1	3	...	2	4	..	2	..	5	..	...	1	2	...	19	95C
...	...	..	...	..	...	..	..	...	...	...	...	..	..	1	..	..	..	..	...	..	...	1	..	..	1	1	...	.	.	..	.	96
8	16	4	5	4	18	8	..	8	10	9	6	1	4	5	5	4	8	3	8	3	18	3	..	1	6	5	3	4	14	6	35	97
...	2	1	...	..	1	1	1	...	...	...	...	..	..	2	..	1	..	..	...	..	...	..	..	..	..	..	...	...	...	..	4	98
...	...	..	...	..	...	..	..	1	...	...	1	..	..	1	..	1	..	..	...	..	2	..	1	..	2	..	1	...	...	...	...	99
...	...	..	...	..	...	1	..	...	...	2	...	..	..	...	..	..	..	..	...	..	1	..	..	..	..	..	...	...	3	...	1	100
...	...	..	...	..	2	1	..	...	...	...	...	..	..	...	..	..	..	..	...	1	...	..	1	..	1	1	...	...	3	1	2	102
15	17	5	8	5	17	18	14	5	15	17	13	13	8	19	9	13	6	8	13	10	35	6	18	7	18	12	9	7	19	15	51	
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	1	..	..	..	..	..	...	...	...	...	1	104
...	...	..	...	..	...	1	..	...	...	...	...	..	..	...	..	..	..	..	...	..	1	..	..	..	..	..	...	...	...	...	...	105
...	1	..	1	1	1	1	2	...	1	...	1	..	..	...	2	1	1	2	1	..	1	..	1	..	1	..	1	1	1	...	4	106
...	...	..	1	..	...	..	1	...	...	...	...	..	..	...	1	..	..	2	1	..	1	..	1	..	..	..	...	1	...	...	...	106A
...	1	..	...	1	1	1	..	...	...	...	1	..	..	...	1	..	1	..	...	..	...	..	..	..	1	..	1	...	1	...	2	106B
...	...	..	...	..	...	..	1	...	1	...	...	..	..	...	..	1	..	..	...	..	...	..	..	..	..	..	...	...	...	...	2	106C
8	11	1	4	2	9	6	7	2	7	5	5	2	5	11	3	7	1	2	4	3	18	3	9	3	8	6	3	4	5	9	14	107
3	3	1	2	2	5	6	3	..	2	3	4	4	1	1	...	..	2	..	2	3	8	1	3	1	1	1	1	2	2	3	14	108
4	...	1	...	..	2	3	1	2	2	3	2	6	2	5	..	4	1	4	1	..	4	1	2	2	6	4	1	...	9	1	9	109
...	...	..	...	..	...	..	1	...	...	3	...	..	..	...	1	..	..	..	...	2	...	..	1	1	..	..	...	...	...	...	1	110
...	...	..	...	..	...	..	1	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	1	1	..	..	...	...	...	...	1	110A
...	...	..	...	..	...	..	..	...	...	3	...	..	..	...	1	..	..	..	...	2	...	..	..	..	..	..	...	...	...	...	...	110B
...	2	2	...	..	...	..	..	...	2	2	1	1	..	1	2	1	..	..	4	..	2	..	1	..	..	1	2	...	2	2	7	111
...	...	..	...	..	...	..	..	...	...	1	...	..	..	1	..	..	..	..	1	..	...	..	..	..	..	..	...	...	1	...	...	111A
...	2	2	...	..	...	..	..	...	2	1	1	1	..	...	2	1	..	..	3	..	2	..	1	..	..	1	2	...	1	2	7	111B
...	...	..	...	..	...	..	..	1	1	1	...	..	..	1	1	..	1	..	1	2	...	1	..	..	..	..	1	...	...	...	1	112
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	...	113
...	...	..	1	..	...	1	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	1	..	2	..	...	...	...	...	...	114
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	1	..	...	...	...	...	...	114A
...	...	..	1	..	...	1	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	1	..	1	..	...	...	...	...	...	114D
8	9	2	11	6	13	6	28	3	6	12	10	6	6	9	4	11	8	4	6	6	13	5	16	5	25	9	4	8	15	5	41	
1	...	..	1	..	2	..	1	...	...	1	1	1	..	...	..	..	1	..	...	1	...	..	2	..	1	2	...	2	...	1	4	115
1	...	..	...	..	...	..	..	...	...	1	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	...	...	...	...	...	115A
...	...	..	1	..	...	..	..	...	...	...	...	1	..	...	..	..	1	..	...	..	...	..	1	..	..	2	...	1	...	...	1	115B
...	...	..	...	..	2	..	1	...	...	...	1	..	..	...	..	..	..	..	...	..	...	..	1	..	1	..	...	1	...	1	3	115C
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	1	...	..	...	..	..	..	...	...	...	...	...	115D
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	1	..	...	..	..	1	...	...	1	...	...	116

TABLE 37—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora incl. Patricia	Kent	Lambton
117. Ulcer of the stomach or duodenum	73	1	..	2	...	...	1	..	1	1	2	3	...	..	2	1	1	..	...	1	2	2	1	7
117A. Stomach	48	1	..	1	...	...	1	..	1	...	2	2	...	..	2	1	...	..	...	...	2	1	1	5
117B. Duodenum	25	..	..	1	...	...	..	..	..	1	...	1	...	..	..	...	1	..	...	1	...	1	...	2
118. Other diseases of the stomach	16	..	3	..	...	...	1	..	..	...	1	...	...	..	1	...	...	..	...	...	1	..	...	1
119. Diarrhoea and enteritis (under 2 years of age)	103	..	3	6	2	...	6	..	2	...	...	1	...	2	..	1	4	..	...	3	...	1	1	1
119A. Diarrhoea and enteritis	102	..	3	6	2	...	6	..	2	...	...	1	...	2	..	1	4	..	...	3	...	1	1	1
119B. Ulceration of the intestines	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
120. Diarrhoea and enteritis (2 years of age and over)	34	..	..	1	2	...	..	..	..	...	...	...	1	..	..	...	2	..	2	...	...	..	...	1
120A. Diarrhoea and enteritis	28	..	..	1	1	...	..	..	..	...	...	...	1	..	..	...	2	..	2	...	...	..	...	1
120B. Ulceration of the intestines	6	..	..	..	1	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
121. Appendicitis	51	..	5	3	4	...	5	1	..	...	2	...	...	..	..	2	...	1	...	1	2	..	...	1
122. Hernia, intestinal obstruction	94	2	1	3	6	1	..	2	1	3	...	1	...	..	..	4	1	..	...	1	13	2	...	3
122A. Hernia	41	2	..	3	3	1	..	..	..	3	...	1	...	..	..	3	1	..	...	1	3	..	...	1
122B. Intestinal obstruction	53	..	1	..	3	...	..	2	1	...	...	...	...	..	..	1	...	..	...	...	10	2	...	2
123. Other diseases of the intestines	9	..	..	..	...	...	..	..	..	1	...	...	...	..	..	...	...	..	...	1	...	1	...	2
124. Cirrhosis of the liver	49	1	..	2	2	...	4	..	..	...	1	...	2	..	..	1	...	..	1	2	1	..	...	1
124A. With mention of alcoholism	3	..	..	..	...	...	2	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	1
124B. Without mention of alcoholism	46	1	..	2	2	...	2	..	..	...	1	...	2	..	..	1	...	..	1	2	1	..	...	...
125. Other diseases of the liver	10	..	..	..	...	...	..	..	..	...	...	1	...	1	..	...	1	..	1	...	...	..	...	...
125A. Acute yellow atrophy	5	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	1	..	...	...	...	..	...	...
125B. Others under this title	5	..	..	..	...	...	..	..	..	...	...	1	...	1	..	...	...	..	1	...	...	..	...	...
126. Biliary calculi	23	..	..	..	2	...	..	..	..	...	...	...	...	..	1	2	...	..	...	1	1	..	2	2
127. Other diseases of the gall-bladder and bile ducts	18	..	..	..	...	...	..	..	..	...	...	...	...	1	..	...	...	..	...	...	...	..	1	...
128. Diseases of the pancreas	4	..	..	..	...	...	..	..	..	...	...	...	...	..	..	2	...	..	...	...	2	..	...	...
129. Peritonitis without stated cause	7	..	1	..	...	...	..	..	..	...	...	...	...	..	1	1	...	..	...	...	...	..	...	...
CLASS X.—DISEASES OF THE URINARY AND GENITAL SYSTEM																								
Total	988	10	14	17	28	10	13	7	15	6	16	34	22	10	23	22	18	3	13	17	43	2	24	39
130. Acute nephritis	20	..	..	..	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	2	1	..	1	...
131. Chronic nephritis	767	8	14	11	21	8	10	4	12	4	11	26	19	8	15	17	17	3	13	13	23	1	18	37
132. Nephritis unspecified (over 10 years of age)	58	..	..	2	2	2	..	1	1	...	4	2	1	1	4	...	...	..	...	1	6	..	1	...
133. Other diseases of the kidneys and ureters	26	..	..	..	...	...	..	..	..	...	1	1	...	..	1	1	1	..	...	...	4	..	1	...
134. Calculi of the urinary passages	14	..	..	..	...	...	1	..	..	...	...	3	2	..	..	1	...	..	...	...	2	..	...	...
135. Diseases of the urinary bladder	8	..	..	..	...	...	..	1	..	...	...	...	...	..	2	...	...	..	...	...	...	1	...	...
136. Diseases of the urethra, urinary abscess, etc.	2	..	..	..	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
136A. Stricture of the urethra	1	..	..	..	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
136B. Others under this title	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
137. Diseases of the prostate	88	1	..	4	5	...	..	1	2	2	...	2	...	1	1	3	...	..	...	1	5	..	2	2
139. Diseases of the female genital organs (non-venereal)	5	1	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	2	..	1	...
139A. Ovaries, Fallopian tubes and parametria	3	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	1	..	1	...
139B. Uterus	2	1	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	1	..	...	...
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH, AND THE PUERPERAL STATE																								
Total	58	..	2	1	6	...	8	2	..	...	1	...	...	..	..	1	2	1	...	1	2	2	1	...
140. Abortion with mention of infection	5	..	..	..	...	...	2	..	..	...	...	...	...	..	..	...	...	..	...	...	...	1	...	...
140A. Spontaneous, therapeutic or unspecified	2	..	..	..	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
140B. Self-induced	1	..	..	..	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
140C. Non-therapeutic	2	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	1	...	...

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1941—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
2	2	..	1	1	2	..	2	1	2	2	...	2	2	2	..	..	2	..	...	1	4	..	1	..	3	4	...	...	1	...	8	117
1	1	..	1	1	2	..	1	1	1	..	...	1	2	2	..	..	..	..	...	..	2	..	1	..	2	2	...	...	...	...	6	117A
1	1	..	...	...	...	..	1	...	1	2	...	1	..	...	..	..	2	..	...	1	2	..	..	..	1	1	...	...	1	...	2	117B
...	...	..	...	...	...	..	...	...	1	...	1	..	..	2	..	1	..	..	1	..	1	..	..	..	..	..	...	...	...	...	1	118
2	...	..	2	1	1	1	13	...	1	1	2	2	..	1	1	4	1	2	1	3	1	2	7	5	10	1	1	2	...	...	2	119
2	...	..	2	1	1	1	13	...	1	1	2	2	..	1	..	4	1	2	1	3	1	2	7	5	10	1	1	2	...	...	2	119A
...	...	..	...	...	...	..	...	...	...	...	...	...	..	...	1	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	...	119B
...	1	..	2	1	1	1	5	...	1	2	...	...	..	1	..	..	..	..	2	..	...	2	..	..	1	..	...	1	...	1	3	120
...	1	..	2	1	1	1	5	...	1	2	...	...	..	...	..	..	..	..	2	..	...	2	..	..	1	..	...	1	...	...	...	120A
...	...	..	...	...	...	..	...	...	...	...	...	...	..	1	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	1	3	120B
...	2	..	...	1	...	..	3	...	...	1	2	..	..	...	..	..	..	1	1	..	2	..	2	..	4	..	...	...	3	1	1	121
...	...	..	4	..	2	4	4	...	1	1	...	1	..	1	3	1	2	..	...	..	2	1	2	..	2	1	1	1	6	1	9	122
...	...	..	2	..	...	2	..	...	1	...	...	...	..	1	3	..	1	..	...	..	1	..	1	..	2	..	...	...	3	1	1	122A
...	...	..	2	..	2	2	4	...	...	1	...	1	..	...	..	1	1	..	...	..	1	1	1	..	..	1	1	1	3	...	8	122B
...	1	..	...	...	...	..	..	...	...	1	1	...	..	...	..	..	..	..	...	..	...	..	...	..	1	..	...	...	...	...	...	123
2	1	..	...	1	2	..	..	1	...	2	1	..	2	2	..	3	..	..	1	..	1	..	1	..	1	..	2	...	2	...	6	124
...	...	..	...	...	...	..	...	...	...	...	...	...	..	...	..	..	..	..	...	..	...	..	...	..	...	..	...	...	...	...	...	124A
2	1	..	...	1	2	..	..	1	...	2	1	..	2	2	..	3	..	..	1	..	1	..	1	..	1	..	2	...	2	...	6	124B
...	1	1	...	..	...	..	..	...	...	...	1	..	..	...	..	1	..	..	...	..	...	..	...	..	...	..	...	...	...	...	2	125
...	...	1	...	..	...	..	..	...	...	...	...	..	..	...	..	1	..	..	...	..	...	..	...	..	...	..	...	...	...	...	2	125A
...	1	..	...	..	...	..	..	...	...	...	1	..	..	...	..	..	..	..	...	..	...	..	...	..	...	..	...	...	...	...	..	125B
...	1	..	...	..	1	..	..	...	...	1	1	..	..	...	..	..	..	..	...	..	...	..	1	..	1	..	...	2	1	...	3	126
...	...	1	1	1	2	..	..	1	...	...	...	..	2	...	..	..	2	1	...	1	...	..	..	..	1	..	...	...	1	1	1	127
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	...	..	...	...	...	...	...	128
1	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	1	..	..	...	..	1	..	...	..	...	..	...	...	...	...	1	129
25	25	9	9	9	51	5	17	14	12	12	21	9	10	18	19	21	21	9	21	21	33	18	8	8	17	11	12	14	42	13	48	
...	...	..	...	..	1	..	1	1	...	...	...	..	..	2	..	1	2	.	1	..	...	1	..	..	3	1	...	...	1	...	...	130
20	22	7	7	7	45	5	14	9	11	9	15	8	5	11	17	17	15	6	17	20	29	12	8	7	4	6	10	14	31	11	35	131
2	...	1	...	..	3	..	2	2	...	1	3	..	..	1	..	1	..	3	2	..	...	2	..	..	4	1	...	...	2	...	...	132
2	...	..	1	..	...	..	..	...	...	...	...	..	..	...	..	2	..	..	...	..	2	..	..	..	1	2	...	...	1	1	4	133
...	1	1	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	1	...	..	..	..	..	..	...	...	...	...	2	134
...	...	..	...	..	1	..	..	1	1	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	...	...	1	...	...	135
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	...	...	...	...	1	136
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	...	...	...	...	...	136A
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	..	..	...	...	...	...	1	136B
1	2	..	1	2	1	..	..	...	...	2	3	1	5	4	2	..	4	..	1	..	2	3	..	1	5	1	2	...	6	1	6	137
...	...	..	...	..	...	..	..	1	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	...	..	...	...	...	...	...	139
...	...	..	...	..	...	..	..	1	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	...	..	...	...	...	...	...	139A
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	...	..	...	...	...	...	...	139B
1	...	..	1	..	...	3	2	...	...	...	1	..	1	1	..	1	..	..	1	1	1	1	1	..	3	..	...	...	3	1	5	
...	...	..	...	..	...	..	1	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	...	..	...	...	1	...	...	140
...	...	..	...	..	...	..	1	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	...	..	...	...	...	...	...	140A
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	...	..	...	...	...	...	...	140B
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	...	..	...	...	1	...	...	140C

TABLE 37—CAUSES OF DEATH FOR COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora incl. Patricia	Kent	Lambton
141. Abortion without mention of infection	3						2																	
141A. Spontaneous, therapeutic or unspecified	3						2																	
142. Ectopic gestation	3						1											1						
142B. Without mention of infection	3						1											1						
144. Toxaemias of pregnancy death prior to delivery	8			1	1																			
145. Other diseases and accidents of pregnancy—death prior to delivery	3				1																1			
146. Haemorrhage of childbirth and the puerperium	7		1					1																
146A. Placenta praevia	3		1																					
146C. Others under this title	4							1																
147. Infection during childbirth and the puerperium	14		1		1			1			1					1	1				1	1		
148. Puerperal toxaemias—following delivery	7				2																			
148A. Puerperal eclampsia	3				1																			
148B. Puerperal albuminuria and nephritis	3				1																			
148C. Acute yellow atrophy of liver	1																							
149. Other accidents of childbirth	4				1		2										1							
149A. Laceration, rupture or other trauma of pelvic organs and tissues	2				1												1							
149B. Other conditions of childbirth	2						2																	
150. Other and unspecified conditions of childbirth and the puerperal state	4						1													1			1	
150C. Others under this title	4						1													1			1	
Class XII.—Diseases of the Skin and Cellular Tissue																								
Total	7												1											
151. Carbuncle and furuncle	1																							
152. Phlegmon and acute abscesses	2												1											
153. Other diseases of the skin and cellular tissue	4																							
Class XIII.—Diseases of the Bones and Organs of Movement																								
Total	11							1													1			
154. Osteomyelitis and periostitis	5																				1			
155. Other diseases of the bones (tuberculosis excepted)	3							1																
156. Diseases of the joints and other organs of movement	3																							
156A. Diseases of the joints (tuberculosis and rheumatism excepted)	1																							
156B. Others under this title	2																							
Class XIV.—Congenital Malformations																								
Total	207	4	2	3	7	5	7	1		2	1	3	4	5	2	4	4		6	8	7		5	1
157. Congenital malformations	207	4	2	3	7	5	7	1		2	1	3	4	5	2	4	4		6	8	7		5	1
157A. Congenital hydrocephalus	41	1	1	2	1	1	1					1	1			2	1			1	1		2	

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1941—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	141
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	141A
...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	142
...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	142B
...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	1	1	144
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	145
...	...	...	1	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	146
...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	146A
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	146C
...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	2	147
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2	...	1	148
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	148A
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	148B
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	148C
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	149
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	149A
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	149B
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	150
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	150C
...	2	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	151
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	152
...	2	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	153
...	...	...	...	...	...	1	1	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1	...	1	1	...	...	...	1	1	
...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	...	...	...	...	154
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	155
...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	156
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	156A
...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	156B
4	1	1	3	1	3	5	8	4	6	4	7	...	1	4	1	3	2	...	5	1	5	3	6	...	8	3	9	2	8	5	13	
4	1	1	3	1	3	5	8	4	6	4	7	...	1	4	1	3	2	...	5	1	5	3	6	...	8	3	9	2	8	5	13	
1	1	...	...	...	1	...	1	1	1	...	1	...	...	1	1	2	1	...	...	...	1	...	...	...	3	...	3	1	1	1	3	157A

TABLE 37—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora incl. Patricia	Kent	Lambton
157B. Spina bifida and meningocele	51	3	..	..	...	2	3	1	..	1	...	...	2	2	1	1	1	..	...	4	...	..	1	...
157C. Anencephalus	3	..	..	..	...	...	..	..	..	...	...	...	...	...	..	...	...	..	1	...	1	..	...	...
157D. Congenital malformations of the heart	72	..	1	1	4	1	1	..	..	1	...	2	1	2	1	1	1	..	4	3	1	..	2	1
157E. Others under this title	40	..	..	..	2	1	2	..	..	...	1	...	...	1	..	...	1	..	1	...	4	..	...	...
Class XV.—Diseases Peculiar to the First Year of Life																								
Total	519	3	10	6	11	2	39	2	9	4	2	6	1	7	4	13	4	5	3	11	13	6	6	6
158. Congenital debility	61	..	..	..	1	...	1	..	3	...	...	...	...	2	1	1	3	1	...	...	1	1	2	1
159. Premature birth	286	2	6	3	6	2	21	1	5	2	2	3	1	4	1	7	...	2	2	7	8	3	4	3
160. Injury at birth	107	..	2	3	4	...	10	1	..	2	...	1	...	1	..	3	1	..	1	2	4	2	...	2
160A. Intracranial or spinal haemorrhage	47	..	1	3	3	...	4	1	..	1	...	1	...	1	..	...	1	..	1	...	...	2	...	2
160B. Other intracranial or spinal injuries	8	..	..	..	...	...	1	..	..	1	...	...	...	...	..	3	...	..	...	...	...	..	...	...
160C. Others under this title	52	..	1	..	1	...	5	..	..	...	...	...	...	...	..	...	1	..	...	2	4	..	...	...
161. Other diseases peculiar to the first year of life	65	1	2	..	...	...	7	..	1	...	...	2	...	..	2	2	...	2	...	2	...	..	...	...
161A. Asphyxia (unspecified), atelectasis	30		1	..	...	...	4	..	..	...	...	...	...	..	1	1	...	2	...	1	...	..	...	...
161B. Infection of the umbilicus, pemphigus and other infections	2	..	..	..	...	...	1	..	..	...	...	...	...	...	..	...	...	..	...	...	...	..	...	...
161C. Other specified diseases peculiar to the first year of life	33	1	1	..	...	...	2	..	1	...	...	2	...	..	1	1	...	..	...	1	...	..	...	...
Class XVI.—Senility																								
Total	225	..	4	4	6	3	3	11	6	6	6	2	1	3	..	5	9	..	...	8	11	4	4	6
162. Senility	225	..	4	4	6	3	3	11	6	6	6	2	1	3	..	5	9	..	...	8	11	4	4	6
162A. With dementia	21	..	..	3	1	...	..	2	..	1	...	1	...	...	...	...	2	..	...	...	2	..	...	1
162B. Without dementia	204	..	4	1	5	3	3	9	6	5	6	1	1	3	..	5	7	..	...	8	9	4	4	5
Class XVII.—Violent or Accidental Deaths																								
Total	1572	..	34	22	30	31	45	9	15	16	47	44	20	8	14	37	30	5	25	39	41	44	37	26
163–164. Suicides	174	..	3	1	5	6	4	3	2	1	4	7	3	1	3	3	2	..	3	2	4	2	5	2
163. Suicide by poisoning	35	..	1	1	1	1	1	..	..	...	...	3	1	..	..	...	...	..	1	...	...	1	2	1
163A. By corrosive substances, solid and liquid poisonings	24	..	1	1	1	...	1	..	..	...	...	1	1	..	..	...	...	..	...	...	...	1	1	1
163B. By poisonous gas	11	..	..	..	...	1	..	..	..	...	...	2	...	..	..	...	...	..	1	...	...	..	1	...
164. Suicide by other means	139	..	2	..	4	5	3	3	2	1	4	4	2	1	3	3	2	..	2	2	4	1	3	1
164A. By hanging or strangulation	48	..	..	..	1	1	1	2	1	...	1	2	2	1	1	1	...	..	...	...	1	..	1	..
164B. By drowning	29	..	..	..	2	1	1	..	..	...	1	1	...	..	..	...	1	..	...	1	1	..	1	1
164C. By firearms or explosives	47	..	2	..	1	2	1	1	1	1	2	1	...	..	1	1	1	..	1	1	2	1	1	...
164D. By cutting or piercing instruments	5	..	..	..	...	...	..	..	..	...	...	...	...	..	..	1	...	..	...	...	...	..	...	...
164E. By jumping from high places	7	..	..	..	...	1	..	..	..	...	...	...	...	..	..	...	...	..	1	...	...	..	...	...
164F. By crushing	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
164G. By other or unspecified means	2	..	..	..	...	...	..	..	..	...	...	...	...	..	1	...	...	..	...	...	...	..	...	...
166-168.—Homicides	14	..	..	..	...	...	1	..	..	1	...	...	...	..	..	1	...	..	...	...	...	..	...	...
166. Homicide by firearms	8	..	..	..	...	...	..	..	..	1	...	...	...	..	..	...	...	..	...	...	...	..	...	...
167. Homicide by cutting or piercing instruments	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
168. Homicide by other or unspecified means	5	..	..	..	...	...	1	..	..	...	...	...	...	..	..	1	...	..	...	...	...	..	...	...
169–195. Accidental deaths	1384	..	31	21	25	25	40	6	13	14	43	37	17	7	11	33	28	5	22	37	37	42	32	24
169. Railway accidents (excluding motor vehicles)	67	..	3	..	...	2	2	..	2	2	...	3	1	..	..	...	1	..	3	2	...	3	5	..

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1941—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Timiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
3	...	..	1	..	...	3	1	...	1	2	2	..	1	...	..	..	..	..	3	..	1	..	3	..	1	..	1	1	2	...	3	157B
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	1	...	..	...	..	...	..	...	...	...	...	...	157C
...	...	1	2	..	...	2	4	1	3	...	2	..	..	2	..	1	1	..	2	..	3	..	2	..	2	3	3	...	2	3	5	157D
...	...	..	...	1	2	..	2	2	1	2	2	..	..	1	..	..	..	..	...	..	...	3	1	..	2	..	2	...	3	1	2	157E
9	7	6	6	7	3	8	24	6	4	4	18	10	..	12	8	15	12	6	14	18	8	6	24	5	41	2	4	6	23	1	29	
...	...	1	...	3	...	2	5	...	...	1	2	..	..	1	3	..	4	..	1	4	3	1	2	..	4	..	...	2	1	...	3	158
7	4	2	4	3	2	5	13	3	3	3	10	6	..	7	4	9	7	5	8	7	3	4	15	3	23	1	2	...	13	1	14	159
2	3	..	...	1	1	..	5	2	1	...	3	3	..	3	..	4	..	..	3	3	2	..	3	1	7	1	2	3	8	...	7	160
2	1	..	...	..	...	..	..	1	...	...	2	3	..	2	..	..	..	..	2	..	2	..	1	1	2	..	1	1	2	...	3	160A
...	...	..	...	..	...	..	1	...	...	...	...	..	..	...	..	..	..	..	...	2	...	..	...	..	2	..	...	...	...	...	1	160B
...	2	..	...	1	1	..	4	1	1	...	1	..	..	1	..	4	..	..	1	1	...	..	2	..	3	1	1	2	6	...	3	160C
...	...	3	2	..	...	1	1	1	...	...	3	1	..	1	1	2	1	1	2	4	...	1	4	1	7	..	...	1	1	...	5	161
...	...	3	...	..	...	..	1	...	...	...	1	1	..	1	..	..	..	..	1	2	...	..	1	1	2	..	...	1	1	...	4	161A
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	1	..	...	...	...	...	...	161B
...	...	..	2	..	...	1	..	1	...	...	2	..	..	...	1	2	1	1	1	2	...	1	3	..	4	..	...	...	...	...	1	161C
2	8	2	4	1	3	1	2	7	7	4	12	7	..	7	3	1	2	2	3	..	11	3	2	1	1	1	3	5	6	6	6	
2	8	2	4	1	3	1	2	7	7	4	12	7	..	7	3	1	2	2	3	..	11	3	2	1	1	1	3	5	6	6	6	162
1	1	..	1	..	...	1	..	...	...	...	...	..	..	1	..	..	..	..	...	..	1	1	..	..	..	..	...	...	...	1	...	162A
1	7	2	3	1	3	..	2	7	7	4	12	7	..	6	3	1	2	2	3	..	10	2	2	1	1	1	3	5	6	5	6	162B
14	18	12	29	12	29	28	24	28	19	16	29	29	23	25	6	14	15	13	26	8	57	16	56	58	64	16	18	38	42	38	133	
...	2	2	3	1	5	3	1	5	3	...	4	1	2	4	..	1	2	..	3	2	3	3	5	4	7	3	2	4	4	10	19	163–164
...	1	..	...	..	...	..	..	...	...	...	1	..	2	...	..	..	1	..	...	..	...	1	3	..	3	..	...	...	1	3	5	163
...	1	..	...	..	...	..	..	...	...	...	1	..	1	...	..	..	1	..	...	..	...	1	..	..	3	..	...	...	1	3	3	163A
...	...	..	...	..	...	..	..	...	...	...	...	..	1	...	..	..	..	..	...	..	...	..	3	..	...	..	...	...	...	...	2	163B
...	1	2	3	1	5	3	1	5	3	...	3	1	..	4	..	1	1	..	3	2	3	2	2	4	4	3	2	4	3	7	14	164
...	...	..	...	..	3	..	1	1	...	...	3	..	..	3	..	..	1	..	...	1	2	1	..	3	..	..	1	1	1	3	6	164A
...	1	..	3	..	...	2	..	1	2	...	...	..	..	...	..	1	..	..	...	1	1	1	..	..	1	1	...	1	1	1	1	164B
...	...	1	...	1	2	1	..	2	1	...	...	1	..	1	..	..	..	..	2	..	...	..	1	1	3	1	1	2	1	1	3	164C
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	1	..	..	1	...	...	...	1	1	164D
...	...	1	...	..	...	..	..	1	...	...	...	..	..	...	..	..	..	..	...	..	...	..	...	..	...	..	...	...	...	1	3	164E
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	1	..	...	..	...	..	...	..	...	...	...	...	...	164F
...	...	..	1	..	...	..	..	2	...	...	...	..	..	...	..	2	..	1	...	..	1	..	..	3	..	..	...	...	...	...	1	164G
...	...	..	...	..	...	..	..	2	...	...	...	..	..	...	..	..	..	..	...	..	1	..	..	3	..	..	...	...	...	...	1	166–168
...	...	..	...	..	...	..	1	...	...	...	...	..	..	...	..	..	1	..	...	..	...	..	...	..	...	..	...	...	...	...	...	167
...	...	..	1	..	...	..	..	...	...	...	...	..	..	...	..	2	..	..	...	..	...	..	...	..	...	..	...	...	...	...	...	168
14	16	10	25	11	24	25	23	21	16	16	25	28	21	21	6	11	13	12	23	6	53	13	51	51	57	13	16	34	38	28	113	169–195
...	...	1	1	..	...	1	3	...	2	...	...	1	1	...	..	..	..	1	3	..	1	1	7	7	2	..	...	...	...	...	6	169

TABLE 37—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora incl. Patricia	Kent	Lambton
170 Motor vehicle accidents	340	..	1	2	5	1	8	1	1	6	10	12	3	3	3	7	7	2	7	12	9	3	14	10
170A. Collisions with trains	29	..	..	..	..	..	..	..	1	..	3	..	..	..	..	..	4	..	2	2	..	..	3	..
170C. Automobile accidents (excluding trains or street-cars)	308	..	1	2	5	1	8	1	..	6	7	12	3	3	3	7	3	2	5	10	9	3	11	10
170D. Motorcycle accidents (excluding automobiles)	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
171. Street-car and other road transport accidents	13	..	8	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1
171B. Others under this title	13	..	8	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1
172. Water transport accidents	80	..	1	..	2	2	2	..	1	..	1	4	5	..	2	..	..	1	1	1	..	12	..	..
173. Air transport accidents	140	..	1	4	..	10	2	..	2	..	24	2	2	..	..	2	12	..	..	10	..	2	..	..
174. Accidents in mines and quarries	47	..	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	..
175. Agricultural and forestry accidents	61	..	4	..	1	..	2	1	..	1	1	5	1	..	1	2	1	..	..	2	3	1	..	1
175A. Accidents involving agricultural machinery and vehicles	19	..	1	..	1	..	1	..	..	..	..	1	1	..	1	1	..	..	..	2	1	..	..	..
175B. Injury by animals, in agriculture	12	..	1	..	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	1	..	..	1
175C. Other agricultural accidents	14	..	..	..	..	..	1	1	..	1	1	1	..	..	..	1	1	..	..	..	1	..	..	..
175D. Accidents involving forestry machinery and vehicles	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
175E. Other forestry accidents	15	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
176. Other accidents involving machinery	8	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
178. Accidental absorption of poisonous gas	21	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
178A. Coal and illuminating gas	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
178B. Motor vehicle exhaust gas	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
178C. Other carbon-monoxide gas	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
178D. Other poisonous gases	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
179. Acute accidental poisoning by solids or liquids	8	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..
180. Conflagration	52	..	4	4	..	5	..	..	..	2	..	1	..	..	..	..	..	..	3	..	..	3	..	..
181. Accidental burns (conflagration excepted)	29	..	..	2	2	..	..	..	..	1	1	..	..	..	1	..	1	..	..	1	2	..	..	1
182. Accidental mechanical suffocation	23	..	2	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..
183. Accidental drowning	148	..	4	3	..	3	9	..	2	..	2	5	1	1	1	2	1	1	4	4	7	7	2	5
184. Accidental injury by firearms	23	..	..	..	1	1	..	..	..	..	..	..	..	..	1	2	..	1	..	..	2	1	1	..
186. Accidental injury by fall or crushing	221	..	1	4	8	..	3	3	3	1	3	3	3	2	2	13	4	..	1	3	9	3	3	5
188. Injury by animals	7	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..
189. Hunger or thirst	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
190. Excessive cold	8	..	..	1	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..
191. Excessive heat	16	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..
192. Lightning	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	1	1	..
193. Accidents due to electric currents	9	..	..	..	1	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..
195. Other accidents	51	..	1	..	5	..	2	..	..	..	..	1	..	..	..	2	1	..	1	1	1	..	4	1
195A. Sequelae of preventive immunization, inoculation or vaccination	4	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..
195D. Obstruction, suffocation or puncture by ingested objects	13	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	2	..
195E. Other and unspecified objects	34	..	1	..	3	..	1	..	..	..	..	1	..	..	..	2	..	..	..	..	1	..	2	1
CLASS XVIII.—ILL-DEFINED AND UNKNOWN CAUSES OF DEATH																								
Total	71	..	3	..	..	..	11	..	..	..	..	1	1	..	..	2	3	..	..	..	4	1	4	1
199. Sudden death	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2	1
200. Ill defined and unknown causes	59	..	3	..	..	..	11	..	..	..	..	1	1	..	..	2	3	..	..	..	2	1	2	..
200A. Ill-defined	24	..	1	..	..	..	2	..	..	..	..	1	1	..	..	1	2	..	..	..	2	..	1	..
200B. Found dead	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
200C. Unknown or unspecified cause	31	..	2	..	..	..	9	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1	..

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1941—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Timiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
1	4	4	10	2	9	8	4	7	4	6	9	3	7	7	..	4	..	2	5	1	15	2	6	5	11	..	6	10	11	9	41	170
...	2	1	...	..	...	3	..	...	...	...	2	..	..	...	..	..	..	1	...	..	1	..	..	..	..	..	...	2	...	...	2	170A
1	2	3	10	2	9	5	4	6	4	6	6	3	7	7	..	4	..	1	5	1	13	2	6	5	11	..	6	8	11	9	39	170C
...	...	..	...	..	...	..	..	1	...	...	1	..	..	...	..	..	..	..	...	..	1	..	..	..	..	..	...	...	...	...	...	170D
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	1	...	...	...	171
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	1	...	...	...	171B
...	2	..	1	2	...	2	3	3	1	2	...	5	..	...	..	..	1	3	3	..	2	..	3	1	2	2	...	1	3	...	3	172
...	3	1	2	..	4	..	2	...	1	...	2	..	6	...	..	..	3	..	2	1	16	..	..	14	..	..	1	2	2	2	3	173
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	1	...	..	...	..	11	9	12	..	...	...	...	...	...	174
1	1	..	1	..	...	5	2	...	...	1	1	2	..	1	..	..	1	..	2	1	1	1	1	3	2	..	1	...	3	1	2	175
1	1	..	1	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	1	1	1	1	..	..	..	..	...	...	2	...	...	175A
...	...	..	...	..	...	..	..	...	...	...	1	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	1	...	1	1	2	175B
...	...	..	...	..	...	2	..	...	...	1	...	..	..	1	..	..	1	..	1	..	...	..	..	..	..	..	...	...	...	...	...	
...	...	..	...	..	...	1	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	...	175D
...	...	..	...	..	...	2	2	...	...	...	...	2	..	...	..	..	..	..	...	..	...	..	1	3	2	..	...	...	...	...	...	175E
...	...	..	...	..	...	1	..	...	...	...	...	..	..	...	..	1	..	..	...	..	...	1	..	1	..	..	...	1	...	...	...	176
1	...	..	...	..	...	..	2	...	...	...	...	1	1	1	1	..	..	..	...	..	2	..	..	..	2	..	...	1	...	1	7	178
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	2	178A
...	...	..	...	..	...	..	2	...	...	...	...	..	1	...	1	..	..	..	...	..	...	..	..	..	..	..	...	1	...	...	2	178B
...	...	..	...	..	...	..	..	...	...	...	...	..	..	1	..	..	..	..	...	..	2	..	..	..	2	..	...	...	...	1	2	178C
1	...	..	...	..	...	..	..	...	...	...	...	1	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	1	178D
...	...	..	...	..	...	..	..	...	...	...	...	..	1	...	..	1	..	..	1	..	...	..	1	..	..	..	...	...	...	...	1	179
3	...	..	...	2	...	1	..	...	...	...	...	..	..	...	1	..	..	..	...	..	...	..	7	1	9	..	...	...	2	...	4	180
...	...	1	...	..	...	1	2	...	...	...	...	1	..	...	..	..	..	..	...	..	...	..	2	1	4	1	1	1	1	...	1	181
1	...	..	...	..	1	..	..	...	...	1	2	1	2	1	..	..	..	..	1	..	1	..	..	..	1	1	1	1	1	1	1	182
1	1	1	5	1	3	4	2	2	1	1	1	8	2	1	2	1	1	1	2	2	5	1	6	4	4	3	1	7	1	2	7	183
1	...	..	...	..	...	..	..	2	1	...	...	1	..	...	..	..	..	..	...	..	2	1	1	1	..	..	...	...	...	...	3	184
5	5	1	2	1	6	2	1	5	3	3	8	3	1	9	..	2	4	3	1	1	5	6	3	3	2	6	5	6	13	4	25	186
...	...	..	...	..	...	..	..	...	1	...	...	..	..	...	..	..	..	..	...	..	...	..	1	..	1	..	...	...	1	...	1	188
...	...	1	...	..	...	..	1	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	...	189
...	...	..	...	1	...	..	..	...	...	...	...	1	..	...	1	..	..	..	...	..	1	..	..	..	1	..	...	...	...	...	...	190
...	...	..	...	1	1	..	..	...	...	...	1	..	..	...	..	..	1	1	...	..	...	..	..	1	..	..	...	1	...	5	1	191
...	...	..	...	..	...	..	..	...	...	...	1	..	..	...	1	2	..	..	1	..	...	..	1	..	..	..	...	...	...	...	...	192
...	...	..	1	..	...	..	..	...	...	...	...	1	..	...	..	..	..	..	1	..	...	..	..	..	1	..	...	...	...	...	1	193
...	...	..	2	1	...	..	1	2	2	2	...	..	..	1	..	..	2	..	1	..	2	..	1	..	3	..	...	2	...	3	6	195
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	1	...	195A
...	...	..	...	..	...	..	1	...	1	1	...	..	..	...	..	..	..	..	...	..	1	..	..	..	3	..	...	...	...	...	1	195D
...	...	..	2	1	...	..	..	2	1	1	...	..	..	1	..	..	2	..	1	..	1	..	1	..	..	..	...	2	...	2	5	195E
...	2	..	2	1	1	1	..	...	...	...	2	..	..	...	1	2	..	3	1	..	4	3	2	11	..	..	...	1	1	...	2	
...	1	..	...	..	...	..	..	...	...	...	2	..	..	...	1	1	..	..	...	..	...	1	..	..	..	..	...	...	...	...	1	199
...	1	..	2	1	1	1	..	...	...	...	...	..	..	...	..	1	..	3	1	..	4	2	2	11	..	..	...	1	1	...	1	200
...	1	..	...	..	1	..	..	...	...	...	...	..	..	...	..	1	..	..	1	..	4	2	..	..	..	..	...	1	1	...	1	200A
...	...	..	2	..	...	1	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	1	..	..	..	...	...	...	...	...	200B
...	...	..	...	1	...	..	..	...	...	...	...	..	..	...	..	..	..	3	...	..	...	..	1	11	..	..	...	...	...	...	...	200C

TABLE 37—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

SPECIAL CLASSES OF ACCIDENTAL DEATHS BY COUNTIES

(Included also under the numbers

IN THE PROVINCE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton
A. Accidental absorption of poisonous gas	7	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	3	...	...	..	...	...
B. Accidental burns (conflagration excepted)	82	..	4	4	...	5	..	..	2	3	20	1	1	1	..	...	1	..	...	1	...	3	2	...
C. Accidental mechanical suffocation	1	..	..	..	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
D. Accidental drowning	102	..	8	..	3	2	3	..	1	...	2	4	5	..	2	...	...	1	1	1	1	13	1	2
E Accidental cutting or piercing	12	..	1	1	...	...	1	..	..	...	...	...	...	..	2	...	...	..	...	...	...	..	...	...
F. Accidental fall	40	..	3	..	...	...	2	1	1	1	...	1	...	1	1	...	1	..	...	1	1	5	...	1
G. Accidental crushing	549	..	7	5	5	13	18	1	4	7	14	21	6	1	3	9	19	2	9	25	10	9	15	8

CITIES, TOWNS AND VILLAGES, OF 5,000 AND OVER)—ONTARIO, 1941—Continued

(EXCLUSIVE OF CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)

of the International List above)

ONTARIO, 1941

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskamiau	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	1	..	..	..	...	...	...	...	3	A
3	...	..	1	2	...	1	..	...	1	...	...	..	3	...	1	..	1	..	...	..	1	..	6	1	9	..	...	...	2	1	1	B
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	...	C
...	2	..	1	3	...	2	4	3	1	2	...	5	..	...	..	..	1	3	5	..	2	..	4	2	2	2	...	2	3	...	3	D
2	1	..	...	..	...	1	..	1	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	1	1	E
...	...	..	1	..	1	..	..	1	1	1	...	..	..	...	..	..	1	1	1	..	...	..	1	7	..	..	...	1	2	...	1	F
...	7	6	12	..	11	13	10	5	5	6	11	6	11	8	..	5	2	3	9	3	31	5	23	30	26	..	7	12	14	10	47	G

TABLE 38—CAUSES OF DEATH FOR TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Barrie	Brampton	Cobourg	Collingwood	Dundas	Eastview	Fort Erie	Fort Francis	Hawkesbury	Ingersoll	Kenora
DEATHS—ALL CAUSES. **Total**	**2,609**	**147**	**79**	**125**	**127**	**60**	**30**	**85**	**35**	**87**	**77**	**84**
CLASS I.—INFECTIOUS AND PARASITIC DISEASES												
Total	115	1	2	5	5	2	1	4	1	8	1	10
1. Typhoid fever	1	....	....	....	....	....	....	....	....	....	....	....
2. Paratypoid fever	1	....	....	....	....	....	....	....	....	....	....	....
5. Undulant fever	1	....	....	....	....	....	....	....	....	....	....	....
6. Cerebrospinal meningitis	2	....	....	....	1	....	....	....	....	....	....	....
8. Scarlet fever	1	....	....	....	....	....	....	....	....	....	....	....
9. Whooping cough	10	1	1	....	....	....	....	....	....	....	....	....
11. Erysipelas	1	....	....	1	....	....	....	....	....	....	....	....
12. Tetanus	1	....	....	....	....	....	....	1	....	....	....	....
13–22. Tuberculosis	39	....	1	1	3	....	1	....	....	3	....	7
13. Tuberculosis of the respiratory system	27	....	1	....	1	....	1	....	....	2	....	6
13A. With mention of occupational diseases of lungs	2	....	....	....	....	....	....	....	....	....	....	....
13B. Without mention of occupational diseases of lungs	24	....	1	....	1	....	1	....	....	2	....	6
13D. With mention of dementia praecox	1	....	....	....	....	....	....	....	....	....	....	....
14. Tuberculosis of the meninges and central nervous system	4	....	....	....	....	....	....	....	....	....	....	1
15. Tuberculosis of the intestines and peritoneum	1	....	....	1	....	....	....	....	....	....	....	....
16. Tuberculosis of the vertebral column	2	....	....	....	....	....	....	....	....	....	....	....
17. Tuberculosis of other bones and joints	1	....	....	....	1	....	....	....	....	....	....	....
17B. Joints	1	....	....	....	1	....	....	....	....	....	....	....
19. Tuberculosis of the lymphatic system (bronchial, mesenteric, mediastinal and retroperitoneal glands excepted)	2	....	....	....	....	....	....	....	....	....	....	....
20. Tuberculosis of the genito-urinary system	1	....	....	....	1	....	....	....	....	....	....	....
22. Disseminated tuberculosis	1	....	....	....	....	....	....	....	....	1	....	....
22A. Acute generalized miliary	1	....	....	....	....	....	....	....	....	1	....	....
24. Purulent infection and septicaemia	2	....	....	....	....	....	....	....	....	....	....	....
27. Dysentery	5	....	....	....	....	....	....	....	....	....	....	1
30. Syphilis	15	....	....	....	1	....	....	2	....	....	....	....
30A. Locomotor ataxia (tabes dorsalis)	1	....	....	....	....	....	....	1	....	....	....	....
30B. General paralysis of the insane	5	....	....	....	....	....	....	....	....	....	....	....
30D. Others under this title	9	....	....	....	1	....	....	1	....	....	....	....
33. Influenza	27	....	....	2	....	2	....	1	1	4	1	1
33A. With respiratory complications	21	....	....	1	....	2	....	1	1	4	1	1
33B. Without respiratory complications	6	....	....	1	....	....	....	....	....	....	....	....
35. Measles	3	....	....	....	....	....	....	....	....	1	....	....
36. Acute poliomyelitis and polioencephalitis	1	....	....	....	....	....	....	....	....	....	....	1
37. Acute infectious encephalitis	2	....	....	....	....	....	....	....	....	....	....	....
44. Other infectious and parasitic diseases	3	....	....	1	....	....	....	....	....	....	....	....
44B. Lymphogranulomatosis (Hodgkin's disease)	2	....	....	1	....	....	....	....	....	....	....	....
44C. Mumps	1	....	....	....	....	....	....	....	....	....	....	....
CLASS II.—CANCER AND OTHER TUMOURS												
Total	305	18	14	15	15	8	3	15	3	5	13	8
45–55. Cancer and other malignant tumours	300	18	14	15	14	8	3	15	3	5	12	8
45. Cancer of the buccal cavity and pharynx	11	....	1	....	1	1	....	....	....	....	....	....
46. Cancer of the digestive organs and peritoneum	147	5	9	7	9	4	1	11	2	3	7	4
46A. Oesophagus	5	....	....	1	1	1	....	....	....	....	....	....
46B. Stomach	66	2	5	4	3	1	1	4	1	1	3	2
46C. Duodenum	1	....	....	....	....	....	....	....	....	....	....	....
46D. Rectum and anus	9	....	1	....	....	....	....	....	1	....	1	....
46E. Intestines	36	1	2	1	4	1	....	4	....	1	2	....
46F. Liver and biliary passages	22	2	....	1	....	1	....	2	....	....	1	2
46G. Pancreas	7	....	1	....	1	....	....	1	....	1	....	....
46H. Mesentery and peritoneum	1	....	....	....	....	....	....	....	....	....	....	....
47. Cancer of the respiratory system	15	2	....	1	....	....	....	....	1	1	....	....
47A. Larynx	1	....	....	1	....	....	....	....	....	....	....	....
47B. Lung	12	2	....	....	....	....	....	....	1	1	....	....
47C. Mediastinum and other sites	2	....	....	....	....	....	....	....	....	....	....	....
48. Cancer of the uterus	19	....	....	....	....	....	....	....	....	....	2	2
48A. Cervix	10	....	....	....	....	....	....	....	....	....	1	....
48B. Other and unspecified sites	9	....	....	....	....	....	....	....	....	....	1	2
49. Cancer of other female organs	15	....	2	1	....	1	....	....	....	....	....	....
50. Cancer of the breast	39	4	1	3	2	1	1	2	....	1	1	1

OF 5,000 TO 10,000 POPULATION, ONTARIO, 1941

Leamington	Leaside	Lindsay	Long Branch	Midland	Mimico	New Toronto	Orillia	Parry Sound	Port Colborne	Port Hope	Preston	Renfrew	Simcoe	Smith's Falls	Swansea	Thorold	Trenton	Waterloo	Weston	Whitby	
78	19	148	15	92	49	92	188	107	37	78	41	94	135	128	32	45	51	45	25	174	
2	2	4	1	4	1	4	7	6	1	4	2	8	6	9	1	2	1	....	1	9	
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	2
....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	5
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	6
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	8
....	....	1	1	2	....	....	....	....	1	1	....	....	....	1	....	....	....	....	....	1	9
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	11
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	12
....	....	3	....	....	1	1	3	1	....	2	1	2	3	4	....	....	....	....	1	1	13–22
....	....	3	....	....	1	1	2	....	....	2	1	2	1	1	....	....	....	....	1	1	13
....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	13A
....	....	3	....	....	1	1	2	....	....	1	....	2	1	1	....	....	....	....	1	....	13B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	13D
....	....	....	....	....	....	....	1	....	....	....	....	....	1	1	....	....	....	....	....	....	14
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	15
....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	16
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	17
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	17B
....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	19
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	20
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	22
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	22A
....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	24
....	....	....	....	....	....	....	....	....	....	....	....	2	1	....	....	1	....	....	....	....	27
1	2	....	....	....	....	3	....	....	....	....	....	1	....	2	....	....	....	....	....	3	30
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	30A
....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	3	30B
1	2	....	....	....	....	1	....	....	....	....	....	1	....	2	....	....	....	....	....	....	30D
1	....	....	....	1	....	....	1	3	....	1	....	1	....	2	....	1	1	....	....	3	33
....	....	....	....	1	....	....	1	3	....	1	....	1	....	1	....	1	1	....	....	....	33A
1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	3	33B
....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	35
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	36
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	37
....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	44
....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	44B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	44C
13	2	22	1	8	9	8	20	13	5	5	4	10	14	13	8	3	11	6	2	11	
13	2	22	1	8	9	8	18	13	5	5	4	10	14	13	8	3	11	6	2	10	45–55
....	....	....	....	....	....	....	....	1	....	....	....	2	1	1	1	....	1	....	....	1	45
7	....	8	....	5	4	6	11	10	....	2	1	5	7	4	3	1	5	1	....	5	46
1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	46A
5	....	2	....	....	1	3	5	5	....	1	1	3	2	1	....	1	4	1	....	4	46B
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	46C
....	....	....	....	....	....	1	....	2	....	....	....	....	1	....	1	....	1	....	....	....	46D
....	....	2	....	5	2	1	2	2	....	1	....	1	3	1	....	....	....	....	....	....	46E
1	....	2	....	....	1	1	2	....	....	....	....	1	1	1	2	....	....	....	....	1	46F
....	....	1	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	46G
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	46H
....	....	2	1	1	....	1	....	1	1	....	....	....	2	....	....	....	....	....	1	....	47
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	47A
....	....	2	....	....	....	1	....	1	1	....	....	....	2	....	....	....	....	....	1	....	47B
....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	47C
1	1	....	....	1	1	....	1	....	2	....	....	....	3	2	2	....	....	....	....	1	48
....	1	....	....	....	....	....	1	....	2	....	....	....	3	1	1	....	....	....	....	....	48A
1	....	....	....	1	1	....	....	....	....	....	....	....	....	1	1	....	....	....	....	1	48B
1	....	....	....	....	1	....	1	....	....	1	....	....	....	....	1	1	2	1	....	2	49
2	....	4	....	....	2	1	1	....	1	2	....	2	....	3	....	1	2	....	....	1	50

TABLE 38—CAUSES OF DEATH FOR TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Barrie	Brampton	Cobourg	Collingwood	Dundas	Eastview	Fort Erie	Fort Francis	Hawkesbury	Ingersoll	Kenora
51. Cancer of the male genital organs	14	3	....	....	1	....	....	....	....	....	....	1
52. Cancer of the urinary organs	17	2	1	1	....	....	1	1	....	....	....	....
52A. Kidney	5	....	....	1	....	....	....	1	....	....	....	....
52B. Bladder	12	2	1	....	....	....	1	....	....	....	....	....
53. Cancer of the skin	4	....	....	....	1	....	....	....	....	....	....	....
54. Cancer of the brain	4	....	....	....	....	....	....	....	....	....	....	....
55. Cancer of other and unspecified organs	15	2	....	2	....	1	....	1	....	....	2	....
56. Non-amlignant tumours	3	....	....	....	1	....	....	....	....	....	1	....
56A. Ovary	1	....	....	....	....	....	....	....	....	....	1	....
56D. Brain and other parts of the central nervous system	2	....	....	....	1	....	....	....	....	....	....	....
57. Tumours of undetermined nature	2	....	....	....	....	....	....	....	....	....	....	....
57D. Brain and other parts of the central nervous system	2	....	....	....	....	....	....	....	....	....	....	....
CLASS III.—RHEUMATISM, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS, OTHER GENERAL AND VITAMIN DEFICIENCY DISEASES												
Total	89	7	....	3	3	3	3	4	....	2	2	2
58. Acute rheumatic fever	6	1	....	....	....	....	....	....	....	....	....	1
58A. Acute rheumatic heart conditions	6	1	....	....	....	....	....	....	....	....	....	1
59. Chronic rheumatism and other rheumatic diseases	3	....	....	....	....	1	1	....	....	....	....	....
60. Gout	1	....	....	....	....	....	....	....	....	....	....	....
61. Diabetes mellitus	58	4	....	3	2	2	1	3	....	1	1	1
62. Diseases of the pituitary gland	1	....	....	....	....	....	....	1	....	....	....	....
63. Diseases of the thyroid and parathyroid glands	12	....	....	....	1	....	....	....	....	....	1	....
63B. Exophthalmic goitre	12	....	....	....	1	....	....	....	....	....	1	....
64. Diseases of the thymus gland	7	2	....	....	....	....	1	....	....	....	....	....
65. Diseases of the adrenal glands (Addison's disease)	1	....	....	....	....	....	....	....	....	1	....	....
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS												
Total	19	....	1	1	....	....	....	1	....	....	....	....
72. Haemorrhagic conditions	2	....	....	....	....	....	....	....	....	....	....	....
72A. Primary purpura	1	....	....	....	....	....	....	....	....	....	....	....
72B. Haemophilia	1	....	....	....	....	....	....	....	....	....	....	....
73. Anaemias	11	....	1	1	....	....	....	....	....	....	....	....
73A. Pernicious anaemia	11	....	1	1	....	....	....	....	....	....	....	....
74. Leukaemias and aleukaemias	6	....	....	....	....	....	....	1	....	....	....	....
74A. Leukaemias	5	....	....	....	....	....	....	1	....	....	....	....
74B. Aleukaemias (Hodgkin's disease excepted)	1	....	....	....	....	....	....	....	....	....	....	....
CLASS V.—CHRONIC POISONING AND INTOXICATION												
Total	4	....	....	....	1	....	....	....	....	....	....	1
77. Alcoholism	2	....	....	....	....	....	....	....	....	....	....	1
77A. Acute alcoholism	1	....	....	....	....	....	....	....	....	....	....	....
77C. Others under this title	1	....	....	....	....	....	....	....	....	....	....	1
78. Lead poisoning	1	....	....	....	....	....	....	....	....	....	....	....
78A. Occupational	1	....	....	....	....	....	....	....	....	....	....	....
79. Chronic poisoning by other mineral and organic substances	1	....	....	....	1	....	....	....	....	....	....	....
79A. Occupational	1	....	....	....	1	....	....	....	....	....	....	....
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS												
Total	346	16	9	16	19	13	2	12	7	6	17	10
80. Encephalitis (non-epidemic)	2	....	....	....	....	....	....	....	....	....	....	....
80A. Intracranial abscess	1	....	....	....	....	....	....	....	....	....	....	....
80B. Others under this title	1	....	....	....	....	....	....	....	....	....	....	....
81. Miningitis (non-meningococcal)	4	....	....	....	1	....	....	1	....	....	....	....

OF 5,000 TO 10,000 POPULATION, ONTARIO, 1941—Continued

Leamington	Leaside	Lindsay	Long Branch	Midland	Mimico	New Toronto	Orillia	Parry Sound	Port Colborne	Port Hope	Preston	Renfrew	Simcoe	Smith's Falls	Swansea	Thorold	Trenton	Waterloo	Weston	Whitby	
....	....	4	....	....	....	....	3	....	....	....	....	....	....	....	....	....	....	1	1	....	51
1	....	1	....	....	1	....	1	1	....	....	2	....	....	2	1	....	....	1	....	....	52
1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	52A
....	....	1	....	....	1	....	1	1	....	....	1	....	....	2	1	....	....	....	....	....	52B
....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	53
....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	54
1	....	1	....	1	....	....	....	....	1	....	1	....	1	1	....	....	....	....	....	....	55
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	56
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	56A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	56D
....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	57
....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	57D
....	....	4	....	8	3	4	7	2	1	2	2	3	7	6	....	2	1	4	1	3	
....	....	....	....	....	....	1	1	....	....	1	....	....	....	....	....	1	....	....	....	....	58
....	....	....	....	....	....	1	1	....	....	1	....	....	....	....	....	1	....	....	....	....	58A
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	59
....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	60
....	....	1	....	6	3	3	3	2	1	1	1	1	7	5	....	1	....	2	....	3	61
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	62
....	....	1	....	....	....	....	3	....	....	....	....	2	....	1	....	....	1	1	1	....	63
....	....	1	....	....	....	....	3	....	....	....	....	2	....	1	....	....	1	1	1	....	63B
....	....	2	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	64
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	65
2	....	2	....	....	....	....	3	2	....	....	....	....	3	1	....	....	1	....	....	2	
....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	72
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	72A
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	72B
1	....	2	....	....	....	....	1	1	....	....	....	....	....	1	....	....	1	....	....	2	73
1	....	2	....	....	....	....	1	1	....	....	....	....	....	1	....	....	1	....	....	2	73A
1	....	....	....	....	....	....	2	....	....	....	....	....	2	....	....	....	....	....	....	....	74
1	....	....	....	....	....	....	2	....	....	....	....	....	1	....	....	....	....	....	....	....	74A
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	74B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	77
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	77A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	77C
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	78
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	78A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	79
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	79A
11	1	14	2	16	4	14	26	12	4	7	....	6	10	20	4	4	8	4	6	46	
....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	80
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	80A
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	80B
....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	81

TABLE 38—CAUSES OF DEATH FOR TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Barrie	Brampton	Cobourg	Collingwood	Dundas	Eastview	Fort Erie	Fort Francis	Hawkesbury	Ingersoll	Kenora
81A. Simple meningitis	2	....	....	....	1	....	....	....	....	....	....	....
81B. Acute cerebrospinal meningitis	2	....	....	....	....	....	....	1	....	....	....	....
82. Diseases of the medulla and spinal cord	5	1	....	....	....	....	....	....	....	....	....	....
83. Intracranial lesions of vascular origin	301	14	9	14	16	12	2	11	6	6	17	8
83A. Cerebral haemorrhage or effusion	91	2	2	3	9	9	1	1	2	1	4	2
83B. Cerebral embolism and thrombosis	22	2	....	1	1	2	....	....	2	....	....	....
83D. Hemiplegia and other paralysis of unspecified origin	16	2	....	....	....	....	....	....	....	1	....	....
83E. With mention of arteriosclerosis	172	8	7	10	6	1	1	10	2	4	13	6
84. Mental disorders and deficiency (general paralysis of the insane excepted)	14	....	....	....	....	....	....	....	....	....	....	....
84A. Schizophrenia (dementia praecox)	5	....	....	....	....	....	....	....	....	....	....	....
84B. Others under this title	9	....	....	....	....	....	....	....	....	....	....	....
85. Epilepsy	5	....	....	1	1	1	....	....	....	....	....	....
87. Other diseases of the nervous system	10	1	....	1	....	....	....	....	1	....	....	....
87C. Paralysis agitans	4	1	....	....	....	....	....	....	....	....	....	....
87D. Disseminated sclerosis	6	....	....	1	....	....	....	....	1	....	....	....
88. Diseases of organs of vision	1	....	....	....	1	....	....	....	....	....	....	....
89. Diseases of the ear and of the mastoid process	4	....	....	....	....	....	....	....	....	....	....	2
89A. Otitis and other diseases of the ear	1	....	....	....	....	....	....	....	....	....	....	....
89B. Diseases of the mastoid process	3	....	....	....	....	....	....	....	....	....	....	2
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM												
Total	825	45	31	44	38	21	13	21	6	8	26	24
90–95. Diseases of the heart	734	38	30	41	34	18	12	16	5	7	25	24
91. Acute endocarditis (non-rheumatic)	6	1	....	....	....	....	....	....	....	....	....	....
91A. Bacterial endocarditis (acute, subacute or unspecified)	5	1	....	....	....	....	....	....	....	....	....	....
91C. Endocarditis (not specified under 45 years)	1	....	....	....	....	....	....	....	....	....	....	....
92. Chronic affections of the valves and endocardium	78	2	7	3	2	2	6	3	....	3	2	3
92A. Specified valvular diseases (rheumatic)	28	1	1	2	....	....	....	2	....	....	....	1
92B. Other specified valvular diseases (non-rheumatic)	39	....	6	....	2	2	6	1	....	3	1	2
92C. Unspecified valvular lesions and endocarditis	11	1	....	1	....	....	....	....	....	....	1	....
93. Diseases of the myocardium	419	21	14	29	24	8	5	10	....	3	18	13
93A. Acute myocarditis	7	....	....	....	....	....	....	....	....	....	....	....
93B. Myocarditis (not specified under 45 years)	2	1	....	....	....	....	....	....	....	....	....	....
93C. Chronic myocarditis and myocardial degeneration (rheumatic)	13	2	....	....	....	....	....	1	....	....	1	....
93D. Chronic myocarditis (non-rheumatic)	337	16	12	28	23	6	1	7	....	2	14	6
93E. Other myocarditis (not specified)	60	2	2	1	1	2	4	2	....	1	3	7
94. Diseases of the coronary arteries and angina pectoris	215	13	9	9	7	8	1	2	5	1	5	8
94A. Diseases of the coronary arteries	209	13	9	9	7	8	1	1	5	....	5	8
94B. Angina pectoris	6	....	....	....	....	....	....	1	....	1	....	....
95. Other diseases of the heart	16	1	....	....	1	....	....	1	....	....	....	....
95A. Functional diseases of the heart (no organic lesion)	2	....	....	....	1	....	....	....	....	....	....	....
95B. Other diseases of the heart (rheumatic)	3	....	....	....	....	....	....	1	....	....	....	....
95C. Other diseases of the heart (non-rheumatic)	11	1	....	....	....	....	....	....	....	....	....	....
96. Aneurysm (heart and aorta excepted)	1	....	....	....	....	....	....	....	....	....	....	....
97. Arteriosclerosis (coronary or renal sclerosis or cerebral haemorrhage excepted)	77	6	1	3	2	2	1	3	1	1	1	....
98. Gangrene	5	....	....	....	....	1	....	1	....	....	....	....
99. Other diseases of the arteries	4	....	....	....	1	....	....	1	....	....	....	....
100. Diseases of the veins	1	....	....	....	1	....	....	....	....	....	....	....
102. High blood pressure (idiopathic)	3	1	....	....	....	....	....	....	....	....	....	....
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM												
Total	152	11	1	8	4	3	1	3	1	7	2	2
104. Diseases of the nasal fossae and accessory sinuses	1	....	....	....	....	....	....	....	....	....	....	....
105. Diseases of the larynx	1	....	....	....	....	....	....	....	....	....	1	....
106. Bronchitis	6	1	....	....	....	....	....	....	....	....	....	....
106A. Acute	3	1	....	....	....	....	....	....	....	....	....	....
106B. Chronic	2	....	....	....	....	....	....	....	....	....	....	....
106C. Unspecified	1	....	....	....	....	....	....	....	....	....	....	....
107. Broncho pneumonia	78	6	1	....	....	....	....	1	1	7	....	....
108. Lobar pneumonia	38	2	....	6	3	2	....	1	....	....	1	....

OF 5,000 TO 10,000 POPULATION, ONTARIO, 1941—Continued

Leamington	Leaside	Lindsay	Long Branch	Midland	Mimico	New Toronto	Orillia	Parry Sound	Port Colborne	Port Hope	Preston	Renfrew	Simcoe	Smith's Falls	Swansea	Thorold	Trenton	Waterloo	Weston	Whitby	
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	81A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	81B
....	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	82
11	1	10	2	16	4	14	22	11	4	6	....	6	10	17	3	4	8	3	6	28	83
5	....	4	....	4	2	7	10	3	....	1	....	....	3	3	2	....	4	....	....	7	83A
....	....	....	....	1	....	1	....	....	....	....	....	1	....	....	....	1	1	1	....	8	83B
....	....	....	....	....	....	....	1	3	....	1	....	3	....	2	....	....	1	....	....	2	83D
6	1	6	2	11	2	6	11	5	4	4	....	2	7	12	1	3	2	2	6	11	83E
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	14	84
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	84A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	9	84B
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	85
....	....	....	....	....	....	....	1	....	....	1	....	....	....	1	1	....	....	1	....	2	87
....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1	87C
....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	1	....	....	....	....	1	87D
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	88
....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	89
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	89A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	89B
31	11	38	8	19	22	36	43	22	12	35	20	33	38	48	11	22	12	16	11	60	
25	11	32	8	17	21	35	32	21	12	28	20	32	31	45	11	20	12	16	11	44	90–95
....	....	....	....	....	....	1	....	....	1	....	....	....	1	1	....	1	....	....	....	....	91
....	....	....	....	....	....	....	....	....	1	....	....	....	1	1	....	1	....	....	....	....	91A
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	91C
2	3	5	....	....	1	4	5	....	2	4	2	2	1	7	1	3	1	....	1	1	92
1	3	4	....	....	1	1	2	....	1	2	2	....	1	1	....	1	....	....	1	....	92A
....	....	1	....	....	....	2	1	....	1	2	....	1	....	5	1	....	1	....	....	1	92B
1	....	....	....	....	....	1	2	....	....	....	....	1	....	1	....	2	....	....	....	....	92C
6	2	16	6	8	11	24	17	17	4	15	11	25	25	18	7	5	6	12	8	31	93
....	....	....	....	....	....	2	....	....	....	....	....	1	1	1	....	1	....	....	....	1	93A
....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	93B
....	1	....	....	....	....	....	2	2	....	1	....	1	1	....	....	....	....	....	1	....	93C
4	....	13	6	7	10	20	9	15	4	14	11	17	22	11	6	3	4	9	7	30	93D
2	1	3	....	1	1	2	6	....	....	....	....	5	1	6	1	1	2	3	....	....	93E
17	6	10	2	8	7	6	8	3	5	8	7	5	4	17	3	9	4	4	2	12	94
16	6	8	2	8	7	6	8	3	5	8	6	5	4	17	3	9	4	4	2	12	94A
1	....	2	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	94B
....	....	1	....	1	2	....	2	1	....	1	....	....	....	2	....	2	1	....	....	....	95
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	95A
....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	95B
....	....	1	....	....	1	....	1	1	....	1	....	....	....	2	....	2	1	....	....	....	95C
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	96
6	....	5	....	1	1	....	11	1	....	7	....	1	5	2	....	2	....	....	....	14	97
....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	1	98
....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	99
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	100
....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	102
2	....	14	1	2	1	16	9	6	1	1	2	10	6	4	2	2	1	1	....	28	
....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	104
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	105
....	....	....	....	....	....	....	....	....	....	....	....	2	1	....	....	....	1	....	....	1	106
....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	106A
....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	106B
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	106C
1	....	4	1	1	1	14	3	4	....	....	....	6	1	3	2	2	....	....	....	19	107
1	....	4	....	....	....	2	3	1	....	1	1	1	4	1	....	....	....	....	....	4	108

TABLE 38—CAUSES OF DEATH FOR TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Barrie	Brampton	Cobourg	Collingwood	Dundas	Eastview	Fort Erie	Fort Francis	Hawkesbury	Ingersoll	Kenora
109. Pneumonia (unspecified)	14	1	....	....	....	....	1	1	....	....	....	....
110. Pleurisy	2	....	....	....	....	....	....	....	....	....	....	1
110A. Empyema	1	....	....	....	....	....	....	....	....	....	....	1
110B. Others under this title	1	....	....	....	....	....	....	....	....	....	....	....
111. Haemorrhagic infarction, congestion, oedema and thrombosis of the lungs	9	....	....	2	1	....	....	....	....	....	....	1
111A. Haemorrhagic infarction and thrombosis of the lungs	2	....	....	....	....	....	....	....	....	....	....	1
111B. Others under this title	7	....	....	2	1	....	....	....	....	....	....	....
112. Asthma	3	1	....	....	....	1	....	....	....	....	....	....
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM												
Total	136	8	1	5	6	2	....	5	4	12	2	6
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils	5	....	....	....	1	....	....	....	....	....	....	2
115B. Septic sore throat	2	....	....	....	....	....	....	....	....	....	....	1
115C. Diseases of the pharynx and tonsils	3	....	....	....	1	....	....	....	....	....	....	1
117. Ulcer of the stomach or duodenum	20	2	....	2	1	1	....	....	1	1	....	1
117A. Stomach	16	1	....	2	1	1	....	....	....	1	....	1
117B. Duodenum	4	1	....	....	....	....	....	....	1	....	....	....
118. Other diseases of the stomach	2	....	....	1	....	....	....	....	....	1	....	....
119. Diarrhoea and enteritis (under 2 years of age)	23	1	....	....	....	....	....	....	2	4	....	....
119A. Diarrhoea and enteritis	23	1	....	....	....	....	....	....	2	4	....	....
120. Diarrhoea and enteritis (2 years of age and over)	13	2	....	....	1	....	....	....	....	1	....	....
120A. Diarrhoea and enteritis	10	2	....	....	1	....	....	....	....	1	....	....
120B. Ulceration of the intestines	3	....	....	....	....	....	....	....	....	....	....	....
121. Appendicitis	20	2	....	1	1	....	....	2	....	2	....	....
122. Hernia, intestinal obstruction	27	....	....	1	....	....	....	2	1	2	1	1
122A. Hernia	10	....	....	....	....	....	....	1	1	....	....	....
122B. Intestinal obstruction	17	....	....	1	....	....	....	1	....	2	1	1
124. Cirrhosis of the liver	9	....	....	....	....	....	....	1	....	1	....	1
124B. Without mention of alcoholism	9	....	....	....	....	....	....	1	....	1	....	1
125. Other diseases of the liver	4	....	....	....	2	....	....	....	....	....	....	1
125A. Acute yellow atrophy	2	....	....	....	2	....	....	....	....	....	....	....
125B. Others under this title	2	....	....	....	....	....	....	....	....	....	....	1
126. Biliary calculi	6	....	....	....	....	....	....	....	....	....	....	....
127. Other diseases of the gall-bladder and bile ducts	5	1	....	....	....	1	....	....	....	....	1	....
129. Peritonitis without stated cause	2	....	1	....	....	....	....	....	....	....	....	....
CLASS X.—DISEASES OF THE URINARY AND GENITAL SYSTEMS												
Total	164	10	4	2	10	2	2	4	2	11	3	2
130. Acute nephritis	3	....	....	....	....	....	....	1	....	....	....	....
131. Chronic nephritis	117	8	2	1	10	2	2	3	2	8	3	1
132. Nephritis unspecified (over 10 years of age)	12	....	....	....	....	....	....	....	....	1	....	....
133. Other diseases of the kidneys and ureters	7	....	1	....	....	....	....	....	....	....	....	1
134. Calculi of the urinary passages	3	....	....	....	....	....	....	....	....	....	....	....
135. Diseases of the urinary bladder	3	1	....	....	....	....	....	....	....	....	....	....
137. Diseases of the prostate	13	1	....	....	....	....	....	....	....	....	....	....
139. Diseases of the female genital organs (non-venereal)	6	....	1	1	....	....	....	....	....	2	....	....
139A. Ovaries, Fallopian tubes and parametria	4	....	....	1	....	....	....	....	....	2	....	....
139B. Uterus	2	....	1	....	....	....	....	....	....	....	....	....
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE												
Total	20	....	....	....	2	....	1	1	....	2	2	1
140. Abortion with mention of infection	2	....	....	....	....	....	1	....	....	....	....	....
140A. Spontaneous, therapeutic or unspecified	1	....	....	....	....	....	1	....	....	....	....	....
140C. Non-therapeutic	1	....	....	....	....	....	....	....	....	....	....	....
141. Abortion without mention of infection	1	....	....	....	....	....	....	....	....	....	....	....
141A. Spontaneous, therapeutic or unspecified	1	....	....	....	....	....	....	....	....	....	....	....
142. Ectopic gestation	1	....	....	....	....	....	....	....	....	....	....	1
142B. Without mention of infection	1	....	....	....	....	....	....	....	....	....	....	1
144. Toxaemias of pregnancy—death prior to delivery	2	....	....	....	1	....	....	....	....	....	1	....

OF 5,000 TO 10,000 POPULATION, ONTARIO, 1940—Continued

Leamington	Leaside	Lindsay	Long Branch	Midland	Mimico	New Toronto	Orillia	Parry Sound	Port Colborne	Port Hope	Preston	Renfrew	Simcoe	Smith's Falls	Swansea	Thorold	Trenton	Waterloo	Weston	Whitby	
....	....	4	....	1	....	....	3	1	....	....	....	....	....	....	....	....	....	1	....	1	109
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	110
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	110A
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	110B
....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	3	111
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	111A
....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	2	111B
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	112
2	1	8	....	5	1	1	21	14	....	3	4	6	6	5	1	1	2	2	1	1	
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	115
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	115B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	115C
....	....	2	....	....	....	....	5	2	....	....	....	1	....	1	....	....	....	....	....	....	117
....	....	1	....	....	....	....	4	2	....	....	....	1	....	1	....	....	....	....	....	....	117A
....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	117B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	118
....	....	1	....	3	....	....	3	6	....	....	....	....	1	....	1	....	1	....	....	....	119
....	....	1	....	3	....	....	3	6	....	....	....	....	1	....	1	....	1	....	....	....	119A
1	....	....	....	....	....	....	1	2	....	....	1	1	....	1	....	....	1	....	1	....	120
1	....	....	....	....	....	....	....	2	....	....	1	1	....	....	....	....	1	....	....	....	120A
....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	1	....	120B
....	1	2	....	1	....	....	2	2	....	2	....	2	....	....	....	....	....	....	....	....	121
....	....	3	....	....	....	1	4	2	....	....	....	1	3	3	....	....	....	1	....	1	122
....	....	1	....	....	....	....	2	1	....	....	....	....	1	2	....	....	....	1	....	....	122A
....	....	2	....	....	....	1	2	1	....	....	....	1	2	1	....	....	....	....	....	1	122B
....	....	....	....	....	1	....	1	....	....	....	3	....	....	....	....	....	....	1	....	....	124
....	....	....	....	....	1	....	1	....	....	....	3	....	....	....	....	....	....	1	....	....	124B
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	125
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	125A
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	125B
....	....	....	....	1	....	....	2	....	....	1	....	1	1	....	....	....	....	....	....	....	126
1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	127
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	129
2	2	11	....	10	1	2	17	4	4	5	4	6	13	7	3	6	5	7	....	3	
....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	130
2	1	8	....	4	1	1	9	4	4	4	4	4	8	4	3	4	4	5	....	1	131
....	1	1	....	1	....	....	....	....	....	....	....	1	1	2	....	1	....	1	....	2	132
....	....	....	....	2	....	....	....	....	....	1	....	....	2	....	....	....	....	....	....	....	133
....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	1	....	....	134
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	135
....	....	1	....	3	....	1	6	....	....	....	....	....	....	....	....	1	....	....	....	....	137
....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	139
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	139A
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	139B
....	....	2	....	....	....	....	2	3	....	....	....	....	3	1	....	....	....	....	....	....	
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	140
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	140A
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	140C
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	141
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	141A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	142
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	142B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	144

TABLE 38—CAUSES OF DEATH FOR TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Barrie	Brampton	Cobourg	Collingwood	Dundas	Eastview	Fort Erie	Fort Francis	Hawkesbury	Ingersoll	Kenora
145. Other diseases and accidents of pregnancy—death prior to delivery	2	....	....	....	....	....	....	....	....	....	....	....
146. Haemorrhage of childbirth and the puerperium	2	....	....	....	1	....	....	....	....	....	....	....
146A. Placenta praevia	1	....	....	....	1	....	....	....	....	....	....	....
146C. Others under this title	1	....	....	....	....	....	....	....	....	....	....	....
147. Infection during childbirth and the puerperium	4	....	....	....	....	....	....	....	....	1	....	....
148. Puerperal toxaemias—following delivery	3	....	....	....	....	....	....	....	....	1	1	....
148A. Puerperal eclampsia	3	....	....	....	....	....	....	....	....	1	1	....
149. Other accidents of childbirth	2	....	....	....	....	....	....	1	....	....	....	....
149B. Other conditions of childbirth	2	....	....	....	....	....	....	1	....	....	....	....
150. Other and unspecified conditions of childbirth and the puerperal state	1	....	....	....	....	....	....	....	....	....	....	....
150C. Others under this title	1	....	....	....	....	....	....	....	....	....	....	....
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE												
Total	4	1	....	....	....	....	....	....	....	....	....	....
152. Phlegmon and acute abscesses	2	1	....	....	....	....	....	....	....	....	....	....
153. Other diseases of the skin and cellular tissue	2	....	....	....	....	....	....	....	....	....	....	....
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF MOVEMENT												
Total	3	....	....	....	....	....	....	....	....	....	1	....
154. Osteomyelitis and periostitis	1	....	....	....	....	....	....	....	....	....	1	....
155. Other diseases of the bones (tuberculosis excepted)	2	....	....	....	....	....	....	....	....	....	....	....
CLASS XIV.—CONGENITAL MALFORMATIONS												
Total	54	2	1	1	1	....	1	3	1	6	....	4
157. Congenital malformations	54	2	1	1	1	....	1	3	1	6	....	4
157A. Congenital hydrocephalus	10	1	....	....	....	....	....	....	1	2	....	....
157B. Spina bifida and meningocele	10	1	....	....	....	....	....	....	....	1	....	2
157C. Anencephalus	1	....	....	....	....	....	....	....	....	....	....	....
157D. Congenital malformations of the heart	21	....	1	1	1	....	....	3	....	1	..	2
157E. Others under this title	12	....	....	....	....	....	1	....	....	2	....	....
CLASS XV.—DISEASES PECULIAR TO THE FIRST YEAR OF LIFE												
Total	127	12	4	6	6	....	1	5	3	15	2	5
158. Congenital debility	12	....	....	....	....	....	1	....	....	2	....	1
159. Premature birth	77	9	4	5	2	....	....	3	1	9	1	2
160. Injury at birth	29	2	....	1	4	....	....	....	1	3	1	2
160A. Intracranial or spinal haemorrhage	14	1	....	....	3	....	....	....	1	....	1	....
160B. Other intracranial or spinal injuries	1	....	....	....	....	....	....	....	....	....	....	1
160C. Others under this title	14	1	....	1	1	....	....	....	....	3	....	1
161. Other diseases peculiar to the first year of life	9	1	....	....	....	....	....	2	1	1	....	....
161A. Asphyxia (unspecified), atelectasis	3	1	....	....	....	....	....	1	1	....	....	....
161B. Infection of the umbilicus, pemphigus and other infections	1	....	....	....	....	....	....	....	....	1	....	....
161C. Other specified diseases peculiar to the first year of life	5	....	....	....	....	....	....	1	....	....	....	....
CLASS XVI.—SENILITY												
Total	30	3	....	....	2	5	1	1	1	....	....	1
162. Senility	30	3	....	....	2	5	1	1	1	....	....	1
162A. With dementia	2	....	....	....	....	....	....	....	....	....	....	....
162B. Without dementia	28	3	....	....	2	5	1	1	1	....	....	1

OF 5,000 TO 10,000 POPULATION, ONTARIO, 1941—Continued

Leamington	Leaside	Lindsay	Long Branch	Midland	Mimico	New Toronto	Orillia	Parry Sound	Port Colborne	Port Hope	Preston	Renfrew	Simcoe	Smith's Falls	Swansea	Thorold	Trenton	Waterloo	Weston	Whitby	
....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	145
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	146
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	146A
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	146C
....	....	1	....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	147
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	148
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	148A
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	149
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	149B
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	150
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	150C
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	1	
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	152
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	153
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	154
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	155
2	....	2	....	4	2	....	5	3	....	2	2	1	6	1	....	....	1	1	2	....	
2	....	2	....	4	2	....	5	3	....	2	2	1	6	1	....	....	1	1	2	....	157
....	....	1	....	....	....	....	1	1	....	....	1	....	1	....	....	....	1	....	....	....	157A
....	....	1	....	....	1	....	....	1	....	....	....	1	2	....	....	....	....	....	....	....	157B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	157C
1	....	....	....	3	1	....	1	....	....	2	1	....	1	....	....	....	....	1	1	....	157D
1	....	....	....	1	....	....	3	1	....	....	....	....	2	....	....	....	....	....	1	....	157E
4	....	7	....	11	1	....	9	11	4	3	....	5	9	1	....	1	2	....	....	....	
....	....	1	....	....	....	....	1	3	....	1	....	1	1	....	....	....	....	....	....	....	158
1	....	4	....	7	1	....	6	7	3	1	....	3	4	1	....	1	2	....	....	....	159
2	....	....	....	4	....	....	2	1	....	1	....	1	4	....	....	....	....	....	....	....	160
1	....	....	....	3	....	....	1	1	....	1	....	1	....	....	....	....	....	....	....	....	160A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	160B
1	....	....	....	1	....	....	1	....	....	....	....	....	4	....	....	....	....	....	....	....	160C
1	....	2	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	161
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161B
1	....	2	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	161C
....	....	2	....	1	1	....	2	1	....	....	1	....	1	2	....	1	2	....	....	2	
....	....	2	....	1	1	....	2	1	....	....	1	....	1	2	....	1	2	....	....	2	162
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	162A
....	....	2	....	1	1	....	2	1	....	....	1	....	1	2	....	1	2	....	....	....	162B

TABLE 38—CAUSES OF DEATH FOR TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Barrie	Brampton	Cobourg	Collingwood	Dundas	Eastview	Fort Erie	Fort Francis	Hawkesbury	Ingersoll	Kenora
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS												
Total	211	13	11	19	15	1	1	6	4	5	6	8
163, 164. Suicides	11	1	1	....	1	....	....	....	1	....	....	2
163. Suicide by poisoning	2	....	....	....	....	....	....	....	....	....	....	....
163A. By corrosive substances, solid and liquid poisonings	1	....	....	....	....	....	....	....	....	....	....	....
163B. By poisonous gas	1	....	....	....	....	....	....	....	....	....	....	....
164. Suicide by other means	9	1	1	....	1	....	....	....	1	....	....	2
164A. By hanging or strangulation	2	....	....	....	....	....	....	....	....	....	....	....
164B. By drowning	1	1	....	....	....	....	....	....	....	....	....	....
164C. By firearms or explosives	4	....	1	....	....	....	....	....	1	....	....	2
164D. By cutting or piercing instruments	1	....	....	....	....	....	....	....	....	....	....	....
164F. By crushing	1	....	....	....	1	....	....	....	....	....	....	....
166–168. Homicides	4	....	....	....	....	....	....	....	3	....	....	....
166. Homicide by firearms	3	....	....	....	....	....	....	....	3	....	....	....
168. Homicide by other or unspecified means	1	....	....	....	....	....	....	....	....	....	....	....
169–195. Accidental deaths	195	12	9	19	14	1	1	6	....	5	6	6
169. Railway accidents (excluding motor vehicles)	11	1	....	1	....	....	....	....	....	....	....	1
170. Motor vehicle accidents	63	2	4	12	4	....	....	4	....	3	4	1
170A. Collisions with trains	5	1	....	....	....	....	....	....	....	....	....	....
170B. Collisions with street-cars	1	....	....	....	....	....	....	....	....	....	....	....
170C. Automobile accidents (excluding trains or street-cars)	57	1	4	12	4	....	....	4	....	3	4	1
171. Street-car and other road transport accidents	1	....	....	....	....	....	....	....	....	....	....	....
171A. Street-car accidents (excluding trains and motor vehicles)	1	....	....	....	....	....	....	....	....	....	....	....
172. Water transport accidents	5	3	....	....	....	....	....	....	....	....	....	....
174. Accidents in mines and quarries	1	....	....	....	....	....	....	....	....	1	....	....
175. Agricultural and forestry accidents	6	....	....	....	1	....	....	....	....	....	....	....
175A. Accidents involving agricultural machinery and vehicles	4	....	....	....	....	....	....	....	....	....	....	....
175B. Injury by animals, in agriculture	1	....	....	....	1	....	....	....	....	....	....	....
175C. Other agricultural accidents	1	....	....	....	....	....	....	....	....	....	....	....
176. Other accidents involving machinery	4	....	....	....	1	....	....	....	....	....	....	....
178. Accidental absorption of poisonous gas	2	....	....	....	....	....	....	....	....	....	....	....
178C. Other carbon-monoxide gas	2	....	....	....	....	....	....	....	....	....	....	....
179. Acute accidental poisoning by solids or liquids	1	....	....	....	....	....	....	....	....	....	....	....
180. Conflagration	4	....	....	....	2	....	....	....	....	....	....	....
181. Accidental burns (conflagration excepted)	10	1	....	1	....	....	....	....	....	1	....	1
182. Accidental mechanical suffocation	3	....	....	....	....	....	....	....	....	....	....	....
183. Accidental drowning	8	....	....	1	1	....	....	....	....	....	....	1
184. Accidental injury by firearms	1	....	....	....	....	....	....	....	....	....	....	....
185. Accidental injury by cutting or piercing instruments	2	....	....	....	....	....	....	....	....	....	....	....
186. Accidental injury by fall or crushing	64	5	4	4	4	1	1	2	....	....	1	2
193. Accidents due to electric currents	2	....	....	....	....	....	....	....	....	....	1	....
195. Other accidents	7	....	1	....	1	....	....	....	....	....	....	....
195D. Obstruction, suffocation or puncture by ingested objects	1	....	....	....	....	....	....	....	....	....	....	....
195E. Other and unspecified objects	6	....	1	....	1	....	....	....	....	....	....	....
OPERATIONS OF WAR AND LEGAL EXECUTIONS												
198. Legal executions	1	....	1	....	....	....	....	....	....	....	....	....
CLASS XVIII.—ILL-DEFINED AND UNKNOWN CAUSES OF DEATH												
Total	5	....	....	....	....	....	....	....	2	....	....	....
200. Ill-defined and unknown causes	5	....	....	....	....	....	....	....	2	....	....	....
200A. Ill-defined	4	....	....	....	....	....	....	....	2	....	....	....
200C. Unknown or unspecified causes	1	....	....	....	....	....	....	....	....	....	....	....

OF 5,000 TO 10,000 POPULATION, ONTARIO, 1941—Continued

Leamington	Leaside	Lindsay	Long Branch	Midland	Mimico	New Toronto	Orillia	Parry Sound	Port Colborne	Port Hope	Preston	Renfrew	Simcoe	Smith's Falls	Swansea	Thorold	Trenton	Waterloo	Weston	Whitby	
7	....	16	2	4	3	6	16	8	5	11	....	6	13	9	2	1	3	2	1	7	
....	....	....	1	....	....	....	1	....	....	....	....	....	1	....	1	....	....	....	....	1	163.–164
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	163
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	163A
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	163B
....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	....	....	....	....	164
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	164A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	164B
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	164C
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	164D
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	164F
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	166–168
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	166
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	168
7	....	16	1	4	3	5	15	8	5	11	....	6	12	9	1	1	3	2	1	6	169–195
....	....	....	....	....	1	....	....	....	....	1	....	2	....	2	....	....	....	....	....	2	169
4	....	7	....	....	1	....	2	4	1	3	....	1	3	1	....	....	1	....	....	1	170
2	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	170A
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	170B
2	....	7	....	....	....	....	2	4	....	3	....	1	3	....	....	....	1	....	....	1	170C
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	J71
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	171A
....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	172
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	174
1	....	....	....	....	....	....	3	....	....	....	....	....	1	....	....	....	....	....	....	....	175
1	....	....	....	....	....	....	2	....	....	....	....	....	1	....	....	....	....	....	....	....	175A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	175B
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	175C
....	....	1	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	176
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	178
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	178C
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	179
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	180
1	....	1	....	....	....	....	....	2	....	....	....	1	1	....	....	....	....	....	....	....	181
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1	....	....	....	182
....	....	....	1	1	....	1	....	....	....	....	....	....	1	1	....	....	....	....	....	....	183
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	184
....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	185
1	....	6	....	1	....	2	7	....	1	5	....	2	5	5	....	1	....	2	....	2	186
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	193
....	....	1	....	1	1	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	195
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	195D
....	....	1	....	1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	195E
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	198
....	....	1	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	
....	....	1	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	200
....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	200A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	290C

TABLE 38—CAUSES OF DEATH FOR TOWNS AND VILLAGES

SPECIAL CLASSES OF ACCIDENTAL DEATHS FOR

(Included also under the numbers

ONTARIO,

CAUSES OF DEATH	Total	Barrie	Brampton	Cobourg	Collingwood	Dundas	Eastview	Fort Erie	Fort Francis	Hawkesbury	Ingersoll	Kenora
B. Accidental burns (conflagration excepted)	8	....	....	....	2	....	....	....	....	....	....	....
C. Accidental mechanical suffocation	1	....	....	....	....	....	....	....	....	....	....	....
D. Accidental drowning	4	3	....	....	....	....	....	....	....	....	....	....
F. Accidental fall	7	....	....	....	2	....	....	....	....	....	....	1
G. Accidental crushing	71	3	4	11	3	....	....	4	....	4	4	1

OF 5,000 TO 10,000 POPULATION, ONTARIO, 1941—Continued

Leamington	Leaside	Lindsay	Long Branch	Mimico	Midland	New Toronto	Orillia	Parry Sound	Port Colborne	Port Hope	Preston	Renfrew	Simcoe	Smith's Falls	Swansea	Thorold	Trenton	Waterloo	Weston	Whitby	
TOWNS AND VILLAGES OF 5,000 TO 10,000 POPULATION																					
of the International List above)																					
1941																					
....	....	....	....	....	....	1	....	1	....	2	....	....	1	....	....	....	1	....	....	....	B
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	C
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	D
....	....	1	....	....	....	....	1	....	....	2	....	....	....	....	....	....	....	....	....	....	F
4	....	7	....	....	2	1	4	4	1	1	....	3	3	3	....	....	1	....	....	3	G

TABLE 39—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Belleville	Brantford	Brockville	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston
DEATHS—ALL CAUSES. **Total**	**20,733**	**303**	**433**	**198**	**340**	**276**	**33**	**297**	**200**	**235**	**1798**	**560**
CLASS I.—INFECTIOUS AND PARASITIC DISEASES												
Total	971	15	22	9	7	22	1	58	8	9	57	45
1. Typhoid fever	13	....	....	1	....	1	....	....	1	....	2	1
2. Paratyphoid fever	1	....	....	....	....	....	....	....	....	....	....	....
6. Cerebrospinal meningitis	52	3	....	....	....	....	....	1	....	1	5	2
8. Scarlet fever	18	2	1	....	....	....	....	1	....	1	1	....
9. Whooping-cough	42	1	1	1	....	....	....	....	....	....	5	8
10. Diphtheria	9	....	....	....	....	....	....	....	....	....	1	....
11. Erysipelas	8	....	....	1	....	1	....	....	....	....	....	....
12. Tetanus	4	....	....	....	1	....	....	....	....	....	....	....
13–22. Tuberculosis	352	4	5	2	2	6	....	47	....	1	11	17
13. Tuberculosis of the respiratory system	277	2	4	2	....	2	....	43	....	....	10	14
13A. With mention of occupational diseases of lungs	12	....	1	....	....	....	....	2	....	....	....	....
13B. Without mention of occupational diseases of lungs	261	2	3	2	....	2	....	41	....	....	9	14
13C. Unspecified site	2	....	....	....	....	....	....	....	....	....	1	....
13D. With mention of dementia praecox	2	....	....	....	....	....	....	....	....	....	....	....
14. Tuberculosis of the meninges and central nervous system	38	2	1	....	....	3	....	1	....	1	....	2
15. Tuberculosis of the intestines and peritoneum	7	....	....	....	....	....	....	....	....	....	....	1
16. Tuberculosis of the vertebral column	4	....	....	....	1	....	....	....	....	....	....	....
17. Tuberculosis of other bones and joints	2	....	....	....	1	....	....	....	....	....	....	....
17B. Joints	2	....	....	....	1	....	....	....	....	....	....	....
19. Tuberculosis of the lymphatic system (bronchial, mesenteric, mediastinal and retroperitoneal glands excepted)	5	....	....	....	....	1	....	....	....	....	....	....
20. Tuberculosis of the genito-urinary system	9	....	....	....	....	....	....	....	....	....	1	....
22. Disseminated tuberculosis	10	....	....	....	....	....	....	3	....	....	....	....
22A. Acute generalized miliary	7	....	....	....	....	....	....	1	....	....	....	....
22B. Other and unspecified generalized	3	....	....	....	....	....	....	2	....	....	....	....
24. Purulent infection and septicaemia	13	....	....	1	....	1	....	....	....	....	1	1
25. Gonococcus infection	3	....	....	....	....	....	....	....	....	....	....	....
27. Dysentery	14	....	....	....	....	....	....	1	....	....	1	....
30. Syphilis	191	2	7	....	....	3	1	3	4	1	15	4
30A. Locomotor ataxia (tabes dorsalis)	13	....	....	....	....	....	....	....	....	....	....	....
30B. General paralysis of the insane	34	....	1	....	....	....	....	....	....	....	1	....
30C. Other syphilis of the central nervous system	17	2	....	....	....	....	....	1	1	....	1	1
30D. Others under this title	127	....	6	....	....	3	1	2	3	1	13	3
32. Other diseases due to spirochaetes	1	....	....	....	....	....	....	....	....	....	....	....
33. Influenza	155	2	4	3	4	9	....	1	1	2	8	7
33A. With respiratory complications	96	1	2	2	3	3	....	....	1	1	6	4
33B. Without respiratory complications	59	1	2	1	1	6	....	1	....	1	2	3
35. Measles	14	1	3	....	....	....	....	....	....	1	1	1
36. Acute poliomyelitis and polioencephalitis	5	....	....	....	....	....	....	1	....	....	....	....
37. Acute infectious encephalitis	15	....	....	....	....	....	....	....	....	1	1	2
38. Other diseases due to filterable viruses	5	....	....	....	....	....	....	....	1	....	....	....
38B. German measles	2	....	....	....	....	....	....	....	1	....	....	....
38C. Chicken-pox	1	....	....	....	....	....	....	....	....	....	....	....
38D. Others under this title	2	....	....	....	....	....	....	....	....	....	....	....
43. Mycoses	3	....	....	....	....	....	....	....	....	....	1	....
44. Other infectious and parasitic diseases	53	....	1	....	....	1	....	3	1	1	4	2
44B. Lymphogranulomatosis (Hodgkin's disease)	48	....	1	....	....	1	....	3	1	....	4	2
44C. Mumps	5	....	....	....	....	....	....	....	....	1	....	....
CLASS II.—CANCER AND OTHER TUMOURS												
Total	3,116	27	57	25	41	31	5	39	27	34	280	73
45–53. Cancer and other malignant tumours	3,008	25	53	24	39	30	5	38	25	31	273	72
45. Cancer of the buccal cavity and pharynx	102	2	1	1	2	2	....	....	1	1	11	4
46. Cancer of the digestive organs and peritoneum	1,440	13	33	12	16	13	2	20	14	12	136	29
46A. Oesophagus	68	....	2	....	....	2	1	....	1	....	5	2
46B. Stomach	468	1	16	5	4	6	1	8	3	5	46	7
46C. Duodenum	8	....	....	1	....	....	....	....	....	....	....	....
46D. Rectum and anus	198	1	3	1	3	....	....	1	3	....	22	4
46E. Intestines	420	6	8	5	5	2	....	4	5	6	43	10
46F. Liver and biliary passages	145	3	3	....	4	1	....	2	2	....	7	4
46G. Pancreas	108	2	....	....	....	2	....	5	....	1	8	2
46H. Mesentery and peritoneum	18	....	....	....	....	....	....	....	....	....	3	....
46M. Other and unspecified sites	7	....	1	....	....	....	....	....	....	....	2	....
47. Cancer of the respiratory system	208	....	5	....	3	3	2	1	1	2	16	2

OF 10,000 POPULATION AND OVER—ONTARIO, 1941

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
399	1124	222	160	237	1895	203	180	369	290	349	286	228	279	228	289	189	7687	187	1038	221	
15	50	6	11	10	145	8	12	9	11	11	14	5	12	9	13	13	286	3	63	12	
....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1	....	3	....	1	....	1
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	2
1	6	....	1	1	6	....	....	1	....	....	....	....	1	2	....	1	19	....	....	1	6
....	....	....	....	....	1	....	....	....	....	1	....	....	....	1	....	....	8	....	1	....	8
....	4	....	....	....	4	....	....	....	1	....	....	1	....	....	2	....	11	....	3	....	9
....	1	....	....	....	1	....	1	....	....	....	2	....	....	....	....	....	3	....	....	....	10
....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	....	....	2	....	....	1	11
....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	12
3	9	2	2	1	72	2	6	3	4	1	1	2	2	1	4	4	100	....	33	5	13–22
3	8	1	....	1	65	2	3	3	1	1	....	2	2	....	3	3	68	....	29	5	13
....	1	....	....	....	1	1	....	1	....	....	....	....	....	....	....	2	2	....	1	....	13A
3	6	1	....	1	64	1	3	2	1	1	....	2	2	....	3	....	66	....	28	4	13B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	13C
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	13D
....	1	....	....	....	5	....	....	....	2	....	1	....	....	....	....	....	17	....	2	....	14
....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	1	....	2	....	1	....	15
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	16
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	17
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	17B
....	....	....	1	....	....	....	2	....	....	....	....	....	....	....	....	....	1	....	....	....	19
....	....	1	....	....	1	....	....	....	....	....	....	....	....	1	....	....	4	....	1	....	20
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	5	....	....	....	22
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	5	....	....	....	22A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	22B
....	....	1	1	1	....	....	....	1	1	....	1	....	....	....	....	....	2	....	1	....	24
....	1	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	25
....	....	....	1	....	2	....	2	....	....	2	1	....	....	....	....	1	1	....	2	....	27
2	17	....	....	1	29	1	....	....	2	2	2	1	4	....	2	1	79	1	7	....	30
....	2	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	9	....	....	....	30A
....	6	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	23	....	1	....	30B
....	1	....	....	....	4	....	....	....	....	....	....	....	....	....	....	....	6	....	....	....	30C
2	8	....	....	1	22	1	....	....	2	2	1	1	4	....	2	1	41	1	6	....	30D
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	32
7	4	3	4	6	19	3	2	3	3	4	2	1	2	4	3	4	24	2	10	4	33
2	2	2	1	5	14	2	....	3	2	3	2	1	2	3	1	4	11	2	8	3	33A
5	2	1	3	1	5	1	2	....	1	1	....	....	....	1	2	....	13	....	2	1	33B
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	1	2	....	2	....	35
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	36
....	1	....	....	....	2	....	....	....	....	1	1	....	....	1	....	....	5	....	....	....	37
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	1	....	38
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	38B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	38C
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	38D
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	43
1	5	....	1	....	3	2	....	1	....	....	3	....	1	....	....	1	19	....	2	1	44
1	4	....	1	....	1	2	....	....	....	....	3	....	1	....	....	1	19	....	2	1	44B
....	1	....	....	....	2	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	44C
55	182	27	21	40	248	25	17	41	37	31	37	30	43	31	35	20	1367	20	140	30	
54	180	27	20	39	241	24	17	38	36	30	37	27	43	31	33	19	1313	19	137	28	45–55
....	3	1	1	....	10	1	....	....	2	2	1	1	....	1	1	1	43	1	7	1	45
29	93	13	8	24	113	11	9	17	20	15	19	12	22	11	17	8	613	7	61	18	46
1	3	....	1	....	7	....	....	3	1	....	2	....	1	2	....	....	32	....	2	....	46A
13	19	6	....	9	39	4	3	3	9	5	7	3	10	6	10	6	187	....	21	6	46B
1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	....	1	....	46C
2	11	2	2	2	22	3	....	1	1	1	1	3	4	1	1	....	91	1	11	....	46D
6	43	2	3	7	23	3	1	7	4	6	3	5	4	1	1	2	179	3	16	7	46E
3	9	2	2	4	6	1	2	3	1	1	4	....	1	1	1	....	65	1	8	4	46F
1	5	1	....	2	15	....	3	....	4	2	2	1	2	....	3	....	42	2	2	1	46G
2	2	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	10	....	....	....	46H
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	3	....	....	....	46M
....	12	....	2	....	13	....	....	6	2	2	1	2	3	1	3	2	107	....	17	....	47

TABLE 39—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Belleville	Brantford	Brockville	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston
47A. Larynx	33	....	....	....	1	1	....	....	....	....	5	....
47B. Lung	121	....	5	....	....	2	1	1	....	2	9	....
47C. Mediastinum and other sites	54	....	....	....	2	....	1	....	1	....	2	2
48. Cancer of the uterus	220	1	1	....	7	2	....	4	....	5	20	6
48A. Cervix	112	....	1	....	5	....	....	2	....	1	8	2
48B. Other and unspecified sites	108	1	....	....	2	2	....	2	....	4	12	4
49. Cancer of other female organs	105	1	3	1	2	3	1	1	....	1	6	6
50. Cancer of the breast	317	2	2	1	4	2	....	5	6	2	30	7
51. Cancer of the male genital organs	165	2	1	3	1	3	....	5	1	5	10	4
52. Cancer of the urinary organs	152	3	2	1	....	2	....	1	1	2	15	4
52A. Kidney	36	2	....	....	....	....	....	1	....	....	5	1
52B. Bladder	116	1	2	1	....	2	....	....	1	2	10	3
53. Cancer of the skin	54	1	3	2	1	....	....	1	....	....	4	4
54. Cancer of the brain	58	....	....	....	....	....	....	....	....	....	3	1
55. Cancer of other and unspecified organs	187	....	2	3	3	....	....	....	1	1	22	5
56. Non-malignant tumours	82	2	4	1	1	1	....	1	2	3	4	1
56A. Ovary	14	2	1	....	....	....	....	....	....	....	1	....
56B. Uterus	23	....	....	1	....	....	....	....	2	2	1	1
56C. Other female genital organs	1	....	....	....	....	....	....	....	....	....	....	....
56D. Brain and other parts of the central nervous system	24	....	1	....	1	....	....	1	....	1	....	....
56E. Other and unspecified organs	20	....	2	....	....	1	....	....	....	....	2	....
57. Tumours of undetermined nature	26	....	....	....	1	....	....	....	....	....	3	....
57D. Brain and other parts of the central nervous system	19	....	....	....	1	....	....	....	....	....	1	....
57E. Other and unspecified organs	7	....	....	....	....	....	....	....	....	....	2	....
CLASS III.—RHEUMATISM, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS, OTHER GENERAL AND VITAMIN DEFICIENCY DISEASES												
Total	804	8	24	7	13	17	3	10	9	11	66	22
58. Acute rheumatic fever	60	1	1	1	....	2	1	1	....	....	5	....
58A. Acute rheumatic heart conditions	52	1	1	1	....	1	1	1	....	....	5	....
58B. Others under this title	8	....	....	....	....	1	....	....	....	....	....	....
59. Chronic rheumatism and other rheumatic diseases	22	....	1	....	....	....	....	....	....	1	....	1
61. Diabetes mellitus	546	5	14	5	8	9	1	7	9	9	51	17
62. Diseases of the pituitary gland	3	....	1	....	....	....	....	....	....	....	....	....
63. Diseases of the thyroid and parathyroid glands	125	2	5	1	3	2	....	2	....	1	10	3
63A. Simple goitre	6	1	....	....	....	....	....	....	....	....	....	....
63B. Exophthalmic goitre	104	1	5	1	3	1	....	2	....	1	9	2
63C. Myxoedema and cretinism	10	....	....	....	....	1	....	....	....	....	....	1
63D. Others under this title	5	....	....	....	....	....	....	....	....	....	1	....
64. Diseases of the thymus gland	25	....	1	....	1	4	....	....	....	....	....	1
65. Diseases of the adrenal glands (Addison's disease)	10	....	....	....	1	....	....	....	....	....	....	....
66. Other general diseases	6	....	1	....	....	....	....	....	....	....	....	....
66A. Osteomalacia	1	....	....	....	....	....	....	....	....	....	....	....
66B. Others under this title	5	....	1	....	....	....	....	....	....	....	....	....
68. Beriberi	2	....	....	....	....	....	1	....	....	....	....	....
69. Pellagra	1	....	....	....	....	....	....	....	....	....	....	....
70. Rickets	1	....	....	....	....	....	....	....	....	....	....	....
71. Other vitamin deficiency diseases	3	....	....	....	....	....	....	....	....	....	....	....
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS												
Total	235	3	4	2	9	3	....	3	3	3	23	10
72. Haemorrhagic conditions	11	....	....	....	1	....	....	....	....	....	1	....
72A. Primary purpura	9	....	....	....	....	....	....	....	....	....	....	....
72B. Haemophilia	2	....	....	....	1	....	....	....	....	....	1	....
73. Anaemias	87	....	2	2	6	3	....	2	1	....	9	3
73A. Pernicious anaemia	56	....	....	2	5	3	....	1	1	....	4	2
73B. Others under this title	31	....	2	....	1	....	....	1	....	....	5	1
74. Leukaemias and aleukaemias	124	2	2	....	2	....	....	....	2	3	12	6
74A. Leukaemias	116	2	2	....	2	....	....	....	2	3	11	6
74B. Aleukaemias (Hodgkin's disease excepted)	8	....	....	....	....	....	....	....	....	....	1	....
75. Diseases of the spleen	10	....	....	....	....	....	....	1	....	....	1	1
76. Other diseases of the blood and blood-forming organs	3	1	....	....	....	....	....	....	....	....	....	....

OF 10,000 POPULATION AND OVER—ONTARIO, 1941—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
....	1	....	1	....	6	....	....	....	1	....	....	....	....	....	....	....	13	....	4	....	47A
....	6	....	1	....	5	....	....	5	1	1	1	2	3	1	3	2	61	....	9	....	47B
....	5	....	....	....	2	....	....	1	....	1	....	....	....	....	....	....	33	....	4	....	47C
6	8	5	5	5	12	3	1	3	1	1	1	3	5	2	3	3	86	4	17	....	48
1	5	1	1	3	7	....	....	....	....	1	....	2	2	2	2	2	48	3	13	....	48A
5	3	4	4	2	5	3	1	3	1	....	1	1	3	....	1	1	38	1	4	....	48B
....	3	1	1	1	14	....	2	1	....	1	....	1	1	2	1	....	49	....	2	....	49
7	21	4	1	4	25	4	....	4	5	5	6	1	7	5	4	2	134	3	10	4	50
3	12	....	....	2	24	2	....	4	....	....	1	2	2	5	2	2	65	....	3	1	51
3	12	1	....	3	6	1	2	2	2	1	2	....	1	3	2	....	73	1	6	....	52
1	2	....	....	1	4	....	....	2	1	....	....	....	....	....	1	....	15	....	....	....	52A
2	10	1	....	2	2	1	2	....	1	1	2	....	1	3	1	....	58	1	6	....	52B
1	4	1	1	....	3	1	....	1	1	....	1	....	....	....	....	....	21	....	1	2	53
2	3	....	....	....	7	....	....	....	....	1	2	....	1	....	....	....	33	....	5	....	54
3	9	1	1	....	14	1	3	....	3	2	3	5	1	1	....	1	89	3	8	2	55
1	2	....	....	1	5	1	....	2	....	....	....	2	....	....	1	1	40	1	3	2	56
....	1	....	....	....	2	....	....	....	....	....	....	2	....	....	....	....	2	1	1	1	56A
1	....	....	....	....	1	1	....	1	....	....	....	....	....	....	1	....	9	....	1	1	56B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	56C
....	1	....	....	1	1	....	....	1	....	....	....	....	....	....	....	....	16	....	....	....	56D
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	12	....	1	....	56E
....	....	....	1	....	2	....	....	1	1	1	....	1	....	....	1	....	14	....	....	....	57
....	....	....	1	....	1	....	....	....	1	1	....	....	....	....	1	....	12	....	....	....	57D
....	....	....	....	....	1	....	....	1	....	....	....	1	....	....	....	....	2	....	....	....	57E
16	45	8	12	7	74	5	6	10	8	20	13	5	15	6	9	6	273	7	55	14	
....	2	....	1	1	5	....	....	....	1	1	....	....	1	....	....	1	27	....	3	5	58
....	2	....	1	1	4	....	....	....	....	1	....	....	1	....	....	1	25	....	3	2	58A
....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	2	....	....	3	58B
....	1	....	....	....	4	....	1	1	1	....	....	....	....	....	....	....	7	....	3	1	59
12	35	7	4	3	39	4	3	5	5	15	11	4	10	4	7	3	184	6	44	6	61
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	62
4	6	1	5	3	20	....	2	2	....	2	1	1	4	2	1	1	37	1	3	....	63
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	4	....	....	....	63A
4	4	1	5	2	14	....	1	2	....	2	1	1	4	2	1	1	30	1	3	....	63B
....	....	....	....	....	4	....	1	....	....	....	....	....	....	....	....	....	3	....	....	....	63C
....	2	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	63D
....	1	....	1	....	4	1	....	1	1	....	1	....	....	....	1	1	2	....	2	2	64
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	8	....	....	....	65
....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	3	....	....	....	66
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	66A
....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	2	....	....	....	66B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	68
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	69
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	70
....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	1	....	....	....	71
2	14	3	....	2	7	2	2	3	3	3	4	4	3	5	....	1	99	1	11	3	
....	2	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	4	....	1	....	72
....	2	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	4	....	1	....	72A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	72B
1	6	2	....	....	1	....	1	3	....	1	1	3	3	2	....	....	32	....	2	1	73
1	3	2	....	....	1	....	1	1	....	1	1	3	2	2	....	....	20	....	....	....	73A
....	3	....	....	....	....	....	....	2	....	....	....	....	1	....	....	....	12	....	2	1	73B
1	6	....	....	2	6	1	1	....	2	2	2	1	....	1	....	1	59	....	8	2	74
1	6	....	....	2	5	1	1	....	2	2	2	1	....	1	....	1	55	....	7	1	74A
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	4	....	1	1	74B
....	....	1	....	....	....	....	....	....	....	....	1	....	....	1	....	....	4	....	....	....	75
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	76

TABLE 39—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Belleville	Brantford	Brockville	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston
CLASS V.—CHRONIC POISONING AND INTOXICATION												
Total	22	....	....	....	....	1	....	....	....	....	....	1
77. Alcoholism	18	....	....	....	....	1	....	....	....	....	....	....
77A. Acute alcoholism	10	....	....	....	....	....	....	....	....	....	....	....
77B. Chronic alcoholism	2	....	....	....	....	....	....	....	....	....	....	....
77C. Others under this title	6	....	....	....	....	1	....	....	....	....	....	....
78. Lead poisoning	2	....	....	....	....	....	....	....	....	....	....	....
78B. Non-occupational	2	....	....	....	....	....	....	....	....	....	....	....
79. Chronic poisoning by other mineral and organic substances	2	....	....	....	....	....	....	....	....	....	....	1
79B. Non-occupational	2	....	....	....	....	....	....	....	....	....	....	1
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS												
Total	2,225	31	41	17	26	25	4	27	28	19	206	51
80. Encephalitis (non-epidemic)	23	....	....	1	....	....	....	1	....	....	3	1
80A. Intracranial abscess	4	....	....	....	....	....	....	....	....	....	1	....
80B. Others under this title	19	....	....	1	....	....	....	1	....	....	2	1
81. Meningitis (non-meningococcal)	44	1	....	....	....	1	....	....	1	1	6	....
81A. Simple meningitis	31	1	....	....	....	1	....	....	....	1	3	....
81B. Acute cerebrospinal meningitis	13	....	....	....	....	....	....	....	1	....	3	....
82. Diseases of the medulla and spinal cord	56	....	....	....	1	1	....	2	....	....	2	2
83. Intracranial lesions of vascular origin	1,904	26	33	14	24	19	3	22	22	17	182	44
83A. Cerebral haemorrhage or effusion	707	5	12	3	7	7	....	6	6	6	48	10
83B. Cerebral embolism and thrombosis	131	....	2	1	....	....	....	....	1	....	15	5
83C. Cerebral softening	4	....	....	....	....	....	....	....	....	....	....	1
83D. Hemiplegia and other paralysis of unspecified origin	74	1	....	....	1	1	1	....	....	1	4	1
83E. With mention of arteriosclerosis	988	20	19	10	16	11	2	16	15	10	115	27
84. Mental disorders and deficiency (general paralysis of the insane excepted)	18	....	....	1	....	....	....	1	....	....	1	1
84B. Others under this title	18	....	....	1	....	....	....	1	....	....	1	1
85. Epilepsy	20	1	1	....	....	....	....	....	....	....	4	1
86. Convulsions (under 5 years of age)	14	....	....	....	1	....	....	....	....	....	....	....
87. Other diseases of the nervous system	106	2	6	1	....	3	1	....	4	1	7	2
87B. Neuritis	2	....	1	....	....	....	....	....	....	....	....	....
87C. Paralysis agitans	38	2	1	1	....	....	....	....	1	....	2	....
87D. Disseminated sclerosis	55	....	4	....	....	3	....	....	3	1	5	1
87E. Others under this title	11	....	....	....	....	....	1	....	....	....	....	1
88. Diseases of organs of vision	5	....	....	....	....	....	....	....	....	....	....	....
89. Diseases of the ear and of the mastoid process	35	1	1	....	....	1	....	1	1	....	1	....
89A. Otitis and other diseases of the ear	17	....	1	..	..	1	....	1	1	....	1	....
89B. Diseases of the mastoid process	18	1	....	....	....	....	....	....	....	....	....	....
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM												
Total	6,385	71	145	73	90	27	15	62	67	89	575	135
90–95. Diseases of the heart	5,922	58	134	70	80	25	15	60	60	81	525	122
90. Pericarditis (acute rheumatic excluded)	6	....	....	....	....	....	....	....	....	....	....	1
90B. Others under this title	6	....	....	....	....	....	....	....	....	....	....	1
91. Acute endocarditis (non-rheumatic)	60	2	....	2	....	1	1	....	1	....	7	....
91A. Bacterial endocarditis (acute, subacute or unspecified)	41	2	....	1	....	1	....	....	1	....	2	....
91B. Other acute or subacute endocarditis	9	....	....	....	....	....	....	....	....	....	3	....
91C. Endocarditis (not specified under 45 years)	10	....	....	1	....	....	1	....	....	....	2	....
92. Chronic affections of the valves and endocardium	497	1	21	7	14	5	....	7	6	9	27	7
92A. Specified valvular diseases (rheumatic)	209	1	5	3	5	2	....	2	4	....	13	3
92B. Other specified valvular diseases (non-rheumatic)	199	....	5	2	5	2	....	4	2	6	14	4
92C. Unspecified valvular lesions and endocarditis	89	....	11	2	4	1	....	1	....	3	....	....
93. Diseases of the myocardium	3,092	22	66	39	35	13	5	40	25	42	312	68
93A. Acute myocarditis	26	1	....	....	....	....	....	....	....	....	2	....
93B. Myocarditis (not specified under 45 years)	13	1	....	....	....	....	....	....	....	....	3	....
93C. Chronic myocarditis and myocardial degeneration (rheumatic)	122	....	2	1	1	1	....	3	1	2	7	....
93D. Chronic myocarditis (non-rheumatic)	2,549	13	49	33	30	8	5	30	21	21	251	64
93E. Other myocarditis (not specified)	382	7	15	5	4	4	....	7	3	19	49	4
94. Diseases of the coronary arteries and angina pectoris	2,050	23	41	20	27	5	9	11	28	29	154	44
94A. Diseases of the coronary arteries	2,013	21	41	20	27	5	9	11	28	29	152	44

OF 10,000 POPULATION AND OVER—ONTARIO, 1941—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	1	1	12	1	2	1	
....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	1	1	9	1	2	1	77
....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	5	1	1	1	77A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	77B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	4	....	....	....	77C
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	78
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	78B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	79
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	79B
44	124	22	21	26	199	25	17	36	21	44	41	24	29	34	21	14	884	14	89	21	
....	2	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	11	1	2	....	80
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	1	....	80A
....	2	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	9	1	1	....	80B
....	3	1	....	....	3	....	....	1	1	2	2	....	....	1	1	1	17	1	....	....	81
....	3	1	....	....	3	....	....	1	1	....	1	....	....	....	1	1	12	1	....	....	81A
....	....	....	....	....	....	....	....	....	....	2	1	....	....	1	....	....	5	....	....	....	81B
1	6	....	....	1	5	....	2	1	....	1	....	....	....	....	....	....	27	....	4	....	82
38	106	20	19	24	175	18	13	33	18	38	39	22	27	31	18	12	742	8	76	21	83
9	41	8	7	4	67	5	3	6	10	22	10	9	8	11	6	8	321	1	33	8	83A
1	12	3	2	3	8	2	2	1	1	1	1	....	2	1	3	....	59	....	4	1	83B
....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	83C
....	9	2	1	....	10	1	4	1	1	....	....	1	1	....	3	....	27	1	....	2	83D
28	44	7	7	17	90	10	4	25	6	15	28	12	16	19	6	4	334	6	39	10	83E
1	1	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	8	2	....	....	84
1	1	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	8	2	....	....	84B
1	....	....	1	....	3	1	....	....	....	1	....	1	....	1	....	....	4	....	....	....	85
....	....	....	....	....	1	....	2	....	1	....	....	....	....	....	....	....	8	1	....	....	86
2	4	1	1	....	7	....	....	1	....	2	....	1	2	....	1	....	51	1	5	....	87
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	87B
1	1	1	....	....	3	....	....	....	....	1	....	1	1	....	....	....	17	....	5	....	87C
1	3	....	....	....	1	....	....	....	....	1	....	....	1	....	1	....	29	1	....	....	87D
....	....	....	1	....	2	....	....	1	....	....	....	....	....	....	....	....	5	....	....	....	87E
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	3	....	1	....	88
1	2	....	....	1	5	2	....	....	1	....	....	....	....	1	1	1	13	....	1	....	89
1	....	....	....	1	1	....	....	....	....	....	....	....	....	1	1	....	7	....	....	....	89A
....	2	....	....	....	4	2	....	....	1	....	....	....	....	....	....	1	6	....	1	....	89B
104	351	69	39	69	537	55	41	126	91	107	69	82	82	71	46	42	2660	41	296	58	
89	320	60	37	64	496	44	38	111	88	95	64	68	80	68	43	42	2517	34	282	52	90–95
....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	2	1	....	....	90
....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	2	1	....	....	90B
1	....	1	....	1	3	....	1	1	1	....	....	2	....	....	....	2	24	1	6	2	91
1	....	1	....	1	1	....	....	1	1	....	....	2	....	....	....	1	21	1	3	....	91A
....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	1	2	....	....	1	91B
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	3	1	91C
11	16	6	8	8	38	8	9	10	13	9	2	8	9	4	2	3	192	3	24	10	92
5	9	5	1	5	15	5	....	3	7	3	2	1	2	3	....	....	87	2	13	3	92A
4	7	....	7	3	14	2	3	6	6	3	....	....	5	1	1	3	76	1	8	5	92B
2	....	1	....	....	9	1	6	1	....	3	....	7	2	....	1	....	29	....	3	2	92C
47	167	21	19	27	263	22	21	68	42	62	35	19	38	35	24	15	1317	14	146	23	93
2	2	2	....	....	1	1	....	1	1	....	....	1	....	....	....	....	8	1	3	....	93A
1	1	....	....	....	2	....	....	....	....	....	....	1	1	....	1	....	2	....	....	....	93B
4	7	1	....	2	17	....	....	....	2	....	1	....	....	3	1	2	61	....	2	1	93C
36	147	13	19	18	207	20	14	62	33	47	27	16	20	24	21	10	1144	12	118	16	93D
4	10	5	....	7	36	1	7	5	6	15	7	1	17	8	1	3	102	1	23	6	93E
27	113	28	7	28	174	12	7	31	30	22	24	37	32	27	17	21	898	11	97	16	94
27	109	28	6	28	168	12	6	31	30	22	24	34	30	25	16	21	886	11	96	16	94A

TABLE 39—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Belleville	Brantford	Brockville	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston
94B. Angina pectoris	37	2	....	....	....	....	....	....	....	....	2	....
95. Other diseases of the heart	217	10	6	2	4	1	....	2	....	1	25	2
95A. Functional diseases of the heart (no organic lesion)	22	6	....	....	....	....	....	1	....	....	....	....
95B. Other diseases of the heart (rheumatic)	80	....	....	....	2	....	....	....	....	....	15	1
95C. Other diseases of the heart (non-rheumatic)	115	4	6	2	2	1	....	1	....	1	10	1
96. Aneurysm (heart and aorta excepted)	15	....	1	....	1	....	....	....	....	....	2	....
97. Arteriosclerosis (coronary or renal sclerosis or cerebral haemorrhage excepted)	339	13	8	1	5	2	....	2	5	8	39	9
98. Gangrene	27	....	1	....	....	....	....	....	1	....	1	1
99. Other diseases of the arteries	33	....	....	2	....	....	....	....	1	....	4	1
100. Diseases of the veins	25	....	....	....	1	....	....	....	....	....	4	2
101. Diseases of the lymphatic system	4	....	....	....	1	....	....	....	....	....	....	....
102. High blood pressure (idiopathic)	20	....	1	....	2	....	....	....	....	....	....	....
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM												
Total	1,187	11	20	13	21	24	1	10	6	8	107	47
104. Diseases of the nasal fossae and accessory sinuses	20	....	....	1	....	....	....	....	1	....	2	1
105. Diseases of the larynx	8	....	....	....	....	....	....	....	....	....	....	....
106. Bronchitis	61	....	1	....	....	1	....	1	....	1	3	1
106A. Acute	29	....	....	....	....	....	....	1	....	....	1	1
106B. Chronic	26	....	....	....	....	1	....	....	....	1	2	....
106C. Unspecified	6	....	1	....	....	....	....	....	....	....	....	....
107. Broncho pneumonia	549	4	11	9	10	18	1	....	1	1	52	25
108. Lobar pneumonia	283	1	6	1	5	2	....	7	3	2	30	11
109. Pneumonia (unspecified)	104	2	....	....	3	....	....	1	....	3	10	3
110. Pleurisy	36	1	....	....	....	1	....	....	1	....	3	2
110A. Empyema	25	1	....	....	....	1	....	....	....	....	1	1
110B. Others under this title	11	....	....	....	....	....	....	....	1	....	2	1
111. Haemorrhagic infarction, congestion, oedema and thrombosis of the lungs	69	....	1	1	3	2	....	1	....	1	1	4
111A. Haemorrhagic infarction and thrombosis of the lungs	16	....	....	....	....	1	....	1	....	....	....	....
111B. Others under this title	53	....	1	1	3	1	....	....	....	1	1	4
112. Asthma	26	1	....	....	....	....	....	....	....	....	4	....
113. Pu monary emphysema	1	....	....	....	....	....	....	....	....	....	....	....
114. Other diseases of the respiratory system (tuberculosis excepted)	30	2	1	1	....	....	....	....	....	....	2	....
114A. Silicosis	4	....	....	1	....	....	....	....	....	....	....	....
114C. Gangrene of lung	1	....	....	....	....	....	....	....	....	....	....	....
114D. Others under this title	25	2	1	....	....	....	....	....	....	....	2	....
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM												
Total	1,229	28	30	11	28	33	....	25	10	12	101	56
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils	56	....	....	1	3	....	....	2	3	1	6	3
115A. Diseases of the teeth and gums	4	....	....	....	....	....	....	....	....	....	2	..
115B. Septic sore throat	16	....	....	....	2	....	....	....	2	....	2	1
115C. Diseases of the pharynx and tonsils	32	....	....	1	1	....	....	2	1	1	1	2
115D. Others under this title	4	....	....	....	....	....	....	....	....	....	1	..
116. Diseases of the oesophagus	8	....	....	....	....	....	....	....	....	....	1	....
117. Ulcer of the stomach or duodenum	214	6	2	4	3	2	....	....	3	3	18	4
117A. Stomach	94	1	2	3	3	1	....	....	....	3	4	1
117B. Duodenum	120	5	....	1	....	1	....	....	3	....	14	3
118. Other diseases of the stomach	16	1	....	....	1	....	....	....	....	....	....	....
119. Diarrhoea and enteritis (under 2 years of age)	189	8	10	1	5	12	....	13	....	....	15	16
119A. Diarrhoea and enteritis	189	8	10	1	5	12	....	13	....	....	15	16
120. Diarrhoea and enteritis (2 years of age and over)	49	....	1	....	1	....	....	....	1	....	4	3
120A. Diarrhoea and enteritis	23	....	1	....	....	....	....	....	....	....	3	2
120B. Ulceration of the intestines	26	....	....	....	1	....	....	....	1	....	1	1
121. Appendicitis	176	3	4	3	5	5	....	5	1	2	7	8
122. Hernia, intestinal obstruction	213	4	5	1	4	10	....	4	1	3	18	11
122A. Hernia	108	2	4	1	2	3	....	2	1	2	12	5
122B. Intestinal obstruction	105	2	1	....	2	7	....	2	....	1	6	6
123. Other diseases of the intestines	28	....	2	....	....	....	....	....	....	....	2	1
124. Cirrhosis of the liver	88	....	1	1	2	....	....	....	....	....	12	2
124A. With mention of alcoholism	9	....	....	....	....	....	....	....	....	....	1	....
124B. Without mention of alcoholism	79	....	1	1	2	....	....	....	....	....	11	2
125. Other diseases of the liver	23	....	....	....	....	....	....	....	....	1	3	....
125A. Acute yellow atrophy	6	....	....	....	....	....	....	....	....	....	....	....
125B. Others under this title	17	....	....	....	....	....	....	....	....	1	3	....

OF 10,000 POPULATION AND OVER—ONTARIO, 1941—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
...	4	...	1	...	6	...	1	...	...	...	...	3	2	2	1	...	12	...	1	...	94B
3	24	4	3	...	16	2	...	1	2	2	3	2	1	2	...	1	84	4	9	1	95
1	1	1	...	...	2	...	...	...	1	...	1	...	...	...	...	...	5	...	3	...	95A
1	4	...	1	...	1	...	...	...	...	...	1	2	...	...	...	...	50	...	2	...	95B
1	19	3	2	...	13	2	...	1	1	2	1	...	1	2	...	1	29	4	4	1	95C
...	1	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	7	...	1	...	96
14	22	6	2	3	28	8	1	12	1	12	5	11	...	1	3	...	92	7	13	6	97
...	3	...	...	...	5	...	2	1	...	...	...	...	1	2	...	...	9	...	...	...	98
1	3	1	...	2	2	...	...	1	...	...	...	1	...	...	...	...	14	...	...	...	99
...	1	...	...	...	1	1	...	1	1	...	...	1	1	...	...	...	11	...	...	...	100
...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	2	...	...	...	101
...	1	1	...	...	5	...	...	...	1	...	...	1	...	...	...	...	8	...	...	...	102
17	68	17	10	13	91	16	15	22	27	25	13	13	12	9	26	10	450	12	37	16	
...	1	...	...	1	2	...	...	...	...	...	1	...	...	...	1	...	9	...	...	...	104
...	...	1	...	...	2	...	...	...	1	...	...	...	...	...	...	...	4	...	...	...	105
...	1	1	1	2	10	3	1	...	2	2	...	1	...	...	2	...	25	...	1	1	106
...	...	1	1	2	5	1	1	...	1	2	...	...	...	...	2	...	9	...	...	1	106A
...	...	...	...	...	4	1	...	...	1	...	...	1	...	...	...	...	14	...	1	...	106B
...	1	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	2	...	...	...	106C
8	47	6	4	5	38	8	4	10	9	13	7	6	6	4	11	8	202	6	10	5	107
4	8	6	...	1	17	2	6	4	6	7	2	4	4	3	7	2	109	5	13	5	108
3	7	1	5	2	8	1	2	3	6	1	2	2	...	1	2	...	29	...	4	3	109
...	1	1	...	...	5	...	...	1	...	...	...	...	1	...	1	...	18	...	...	...	110
...	1	...	...	...	3	...	...	...	...	...	...	...	1	...	1	...	15	...	...	...	110A
...	...	1	...	...	2	...	...	1	...	...	...	...	...	...	...	...	3	...	...	...	110B
1	...	1	...	...	3	1	1	3	3	2	1	...	1	1	2	...	29	1	4	1	111
1	...	...	...	...	...	1	1	...	...	1	...	...	1	...	...	...	8	...	...	1	111A
...	...	1	...	...	3	...	...	3	3	1	1	...	...	1	2	...	21	1	4	...	111B
1	1	...	...	1	1	...	...	1	...	...	...	...	...	...	...	...	13	...	3	...	112
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	113
...	2	...	...	1	5	1	1	...	...	...	...	...	...	...	...	...	12	...	1	1	114
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	114A
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	114C
...	2	...	...	1	4	1	1	...	...	...	...	...	...	...	...	...	10	...	1	...	114D
30	63	19	8	9	123	12	14	22	15	21	13	17	19	8	21	25	359	18	63	16	
1	3	...	...	...	2	...	3	...	...	2	...	...	1	1	3	1	17	1	2	...	115
...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	115A
...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	1	...	2	1	2	...	115B
1	1	...	...	...	1	...	...	...	...	2	...	...	1	1	1	1	14	...	...	...	115C
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	115D
...	...	...	...	...	2	...	...	1	...	...	...	...	...	...	...	...	4	...	...	...	116
5	11	2	...	...	15	5	...	1	4	3	3	1	2	...	2	3	9	4	10	4	117
3	6	1	...	...	8	1	...	1	3	1	3	...	...	...	2	2	37	2	5	1	117A
2	5	1	...	...	7	4	...	...	1	2	...	1	2	...	...	1	57	2	5	3	117B
1	2	...	...	...	2	1	...	2	...	...	...	...	...	...	...	...	4	...	1	1	118
3	2	4	4	...	25	1	2	2	3	1	...	4	7	...	5	8	19	8	9	2	119
3	2	4	4	...	25	1	2	2	3	1	...	4	7	...	5	8	19	8	9	2	119A
2	3	2	...	2	7	...	2	1	1	...	...	5	2	...	...	...	12	...	...	...	120
...	1	1	...	2	6	...	...	1	1	...	...	2	1	...	...	...	2	...	...	...	120A
2	2	1	...	...	1	...	2	...	...	...	...	3	1	...	...	...	10	...	...	...	120B
11	9	2	1	...	19	...	5	5	2	5	3	3	2	3	7	2	37	2	12	3	121
3	11	3	3	4	18	2	1	5	2	2	5	3	2	3	2	3	64	1	13	2	122
1	3	1	2	2	8	1	...	1	...	1	2	1	...	1	1	1	38	1	7	2	122A
2	8	2	1	2	10	1	1	4	2	1	3	2	2	2	1	2	26	...	6	...	122B
...	3	1	...	...	...	1	...	...	...	1	...	1	...	...	...	1	13	...	1	1	123
...	6	2	...	...	11	2	...	1	3	3	1	...	2	...	...	3	31	...	5	...	124
...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2	4	...	...	...	124A
...	5	2	...	...	11	2	...	1	2	3	1	...	2	...	...	1	27	...	5	...	124B
...	1	...	...	...	2	...	...	...	...	1	...	...	...	...	1	1	11	...	2	...	125
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	3	...	1	...	125A
...	...	...	...	...	2	...	...	...	...	1	...	...	...	...	1	...	8	...	1	...	125B

TABLE 39—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Belleville	Brantford	Brockville	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston
126. Biliary calculi	75	1	4	....	2	4	....	....	1	1	8	4
127. Other diseases of the gall-bladder and bile ducts	54	5	....	....	1	....	....	1	....	....	5	4
128. Diseases of the pancreas	17	....	1	....	....	....	....	....	....	....	....	....
129. Peritonitis without stated cause	23	....	....	....	1	....	....	....	....	1	2	....
CLASS X.—DISEASES OF THE URINARY AND GENITAL SYSTEMS												
Total	1,444	36	35	15	22	36	2	18	10	22	117	51
130. Acute nephritis	25	1	....	....	1	....	....	....	....	....	3	1
131. Chronic nephritis	946	23	27	12	17	28	2	13	6	18	58	38
132. Nephritis unspecified (over 10 years of age)	59	3	....	2	2	....	....	....	....	2	4	2
133. Other diseases of the kidneys and ureters	69	....	2	....	....	....	....	....	2	....	11	1
134. Calculi of the urinary passages	40	1	....	....	....	....	....	1	....	....	4	....
135. Diseases of the urinary bladder	15	1	....	....	....	....	....	1	....	....	....	....
136. Diseases of the urethra, urinary abscess, etc.	12	....	....	....	....	....	....	1	....	....	1	1
136A. Stricture of the urethra	9	....	....	....	....	....	....	1	....	....	1	1
136B. Others under this title	3	....	....	....	....	....	....	....	....	....	....	....
137. Diseases of the prostate	239	6	5	1	1	7	....	2	2	2	30	6
138. Diseases of the male genital organs (non-venereal)	1	....	....	....	....	....	....	....	....	....	....	....
139. Diseases of the female genital organs (non-venereal)	38	1	1	....	1	1	....	....	....	....	6	2
139A. Ovaries, Fallopian tubes and parametria	15	1	....	....	1	....	....	....	....	....	2	2
139B. Uterus	21	....	1	....	....	1	....	....	....	....	4	....
139C. Others under this title	2	....	....	....	....	....	....	....	....	....	....	....
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE												
Total	141	4	1	1	3	4	....	2	1	2	12	4
140. Abortion with mention of infection	26	....	....	....	....	1	....	1	....	....	2	....
140A. Spontaneous, therapeutic or unspecified	8	....	....	....	....	1	....	....	....	....	....	....
140B. Self-induced	15	....	....	....	....	....	....	1	....	....	1	....
140C. Non-therapeutic	3	....	....	....	....	....	....	....	....	....	1	....
141. Abortion without mention of infection	4	....	....	....	....	....	....	....	....	....	....	....
141A. Spontaneous, therapeutic or unspecified	2	....	....	....	....	....	....	....	....	....	....	....
141B. Self-induced	1	....	....	....	....	....	....	....	....	....	....	....
141C. Non-therapeutic	1	....	....	....	....	....	....	....	....	....	....	....
142. Ectopic gestation	5	2	....	....	....	....	....	....	....	....	1	....
142B. Without mention of infection	5	2	....	....	....	....	....	....	....	....	1	....
143. Haemorrhage of pregnancy—death prior to delivery	2	....	....	....	....	....	....	....	....	....	....	....
143C. Others under this title	2	....	....	....	....	....	....	....	....	....	....	....
144. Toxaemias of pregnancy—death prior to delivery	11	....	....	1	....	1	....	....	....	2	2	1
145. Other diseases and accidents of pregnancy—death prior to delivery	2	....	1	....	....	....	....	....	....	....	....	....
146. Haemorrhage of childbirth and the puerperium	16	1	....	....	....	....	....	....	....	....	1	1
146A. Placenta praevia	4	....	....	....	....	....	....	....	....	....	....	....
146B. Premature separation of placenta	1	....	....	....	....	....	....	....	....	....	....	....
146C. Others under this title	11	1	....	....	....	....	....	....	....	....	1	1
147. Infection during childbirth and the puerperium	34	1	....	....	....	2	....	....	....	....	1	1
148. Puerperal toxaemias—following delivery	23	....	....	....	2	....	....	1	....	....	1	1
148A. Puerperal eclampsia	15	....	....	....	1	....	....	1	....	....	1	1
148B. Puerperal albuminuria and nephritis	4	....	....	....	....	....	....	....	....	....	....	....
148C. Acute yellow atrophy of liver	3	....	....	....	1	....	....	....	....	....	....	....
148D. Others under this title	1	....	....	....	....	....	....	....	....	....	....	....
149. Other accidents of childbirth	14	....	....	....	1	....	....	....	1	....	3	....
149A. Laceration, rupture or other trauma of pelvic organs and tissues	6	....	....	....	....	....	....	....	....	....	....	....
149B. Other conditions of childbirth	8	....	....	....	1	....	....	....	1	....	3	....
150. Other unspecified conditions of childbirth and the puerperal state	4	....	....	....	....	....	....	....	....	....	1	....
150C. Others under this title	4	....	....	....	....	....	....	....	....	....	1	....
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUES												
Total	20	....	....	....	1	....	....	....	....	1	....	....
151. Carbuncle and furuncle	6	....	....	....	1	....	....	....	....	....	....	....
152. Phlegmon and acute abscesses	5	....	....	....	....	....	....	....	....	....	....	....
153. Other diseases of the skin and cellular tissue	9	....	....	....	....	....	....	....	....	1	....	....

OF 10,000 POPULATION AND OVER—ONTARIO, 1941—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
2	6	2	....	1	10	....	1	3	....	1	....	....	....	....	1	1	16	1	4	1	126
1	4	1	....	....	6	....	....	1	....	1	1	....	1	1	....	....	15	1	3	2	127
1	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	11	....	1	....	128
....	1	....	....	2	3	....	....	....	....	1	....	....	....	....	....	1	11	....	....	....	129
50	96	13	8	8	173	14	16	40	13	21	24	8	14	18	25	14	378	13	119	15	
....	1	....	....	....	5	....	1	1	1	....	....	....	1	....	1	1	6	1	....	....	130
33	66	11	7	6	124	6	14	22	6	15	18	5	7	13	19	12	203	9	95	13	131
6	5	....	....	....	4	....	....	1	1	....	1	1	2	2	1	1	15	1	3	....	132
....	6	....	....	....	7	1	....	1	2	....	....	2	....	....	....	....	31	....	3	....	133
3	1	....	....	....	6	....	....	1	....	....	1	....	....	....	....	....	16	....	6	....	134
1	....	1	....	....	....	....	....	2	....	....	....	....	....	....	....	....	8	....	1	....	135
....	....	....	....	....	2	....	....	1	....	....	....	....	....	....	....	....	6	....	....	....	136
....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	4	....	....	....	136A
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	2	....	....	....	136B
7	13	1	....	1	23	7	1	11	3	4	3	....	3	3	4	....	80	1	10	2	137
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	138
....	4	....	1	1	2	....	....	....	....	2	1	....	1	....	....	....	12	1	1	....	139
....	....	....	1	....	2	....	....	....	....	1	1	....	....	....	....	....	3	1	....	....	139A
....	4	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	8	....	1	....	139B
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	139C
3	6	2	....	3	12	2	....	6	1	2	3	1	5	....	3	2	36	12	3	3	
....	1	1	....	....	....	2	....	2	....	....	....	....	1	....	....	....	12	....	3	....	140
....	....	....	....	....	....	1	....	2	....	....	....	....	....	....	....	....	3	....	1	....	140A
....	1	1	....	....	....	1	....	....	....	....	....	....	1	....	....	....	8	....	1	....	140B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	140C
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	2	....	....	1	141
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	141A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	141B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	141C
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	142
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	142B
....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	143
....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	143C
....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	1	....	....	....	144
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	145
....	1	....	....	....	1	....	....	....	....	....	....	....	2	....	1	1	4	....	3	....	146
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	2	....	....	....	146A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	146B
....	1	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	2	....	3	....	146C
2	1	1	....	1	5	....	....	1	1	1	2	1	1	....	1	1	6	....	3	1	147
1	1	....	....	....	4	....	....	1	....	1	1	....	....	....	....	....	7	2	....	....	148
....	1	....	....	....	2	....	....	1	....	1	....	....	....	....	....	....	5	1	....	....	148A
1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	148B
....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	148C
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	148D
....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	2	2	2	1	149
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	2	2	1	....	149A
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	149B
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	1	....	150
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	1	....	150C
1	1	....	....	....	2	....	....	1	1	1	1	1	....	....	1	....	8	....	....	....	
1	1	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	151
....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	3	....	....	....	152
....	....	....	....	....	1	....	....	....	1	1	....	....	....	....	1	....	4	....	....	....	153

TABLE 39—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Belleville	Brantford	Brockville	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF MOVEMENT												
Total	36	1	....	....	1	1	....	....	....	1	3	2
154. Osteomyelitis and periostitis	19	1	....	....	1	....	....	....	....	1	1	1
155. Other diseases of the bones (tuberculosis excepted)	4	....	....	....	....	....	....	....	....	....	2	....
156. Diseases of the joints and other organs of movement	13	....	....	....	....	1	....	....	....	....	....	1
156A. Diseases of the joints (tuberculosis and rheumatism excepted)	9	....	....	....	....	1	....	....	....	....	....	....
156B. Others under this title	4	....	....	....	....	....	....	....	....	....	....	1
CLASS XIV.—CONGENITAL MALFORMATIONS												
Total	340	6	5	1	8	6	....	2	2	1	29	5
157. Congenital malformations	340	6	5	1	8	6	....	2	2	1	29	5
157A. Congenital hydrocephalus	57	....	2	....	1	1	....	....	....	....	2	1
157B. Spina bifida and meningocele	74	1	1	1	....	4	....	2	1	....	8	1
157C. Anencephalus	9	....	1	....	....	....	....	....	....	....	....	1
157D. Congenital malformations of the heart	91	4	1	....	2	....	....	....	1	....	6	....
157E. Others under this title	109	1	....	....	5	1	....	....	....	1	13	2
CLASS XV.—DISEASES PECULIAR TO THE FIRST YEAR OF LIFE												
Total	906	23	18	10	19	20	....	15	6	7	68	17
158. Congenital debility	32	1	....	....	1	1	....	1	....	....	3	....
159. Premature birth	407	15	13	7	4	10	....	11	4	5	40	9
160. Injury at birth	236	5	5	2	9	6	....	3	1	2	17	5
160A. Intracranial or spinal haemorrhage	122	4	3	....	5	3	....	1	....	1	9	2
160B. Other intracranial or spinal injuries	8	....	....	....	....	1	....	....	....	....	....	....
160C. Others under this title	106	1	2	2	4	2	....	2	1	1	8	3
161. Other diseases peculiar to the first year of life	141	2	....	1	5	3	....	....	1	....	8	3
161A. Asphyxia (unspecified), atelectasis	67	1	....	1	3	1	....	....	1	....	3	1
161B. Infection of the umbilicus, pemphigus and other infections	13	....	....	....	....	....	....	....	....	....	2	....
161C. Other unspecified diseases peculiar to the first year of life	61	1	....	....	2	2	....	....	....	....	3	2
CLASS XVI.—SENILITY												
Total	120	2	4	1	4	1	....	....	1	....	4	2
162. Senility	120	2	4	1	4	1	....	....	1	....	4	2
162A. With dementia	10	....	....	....	....	....	....	....	....	....	1	....
162B. Without dementia	110	2	4	1	4	1	....	....	1	....	3	2
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS												
Total	1,522	31	27	13	46	24	2	26	22	16	150	38
163, 164. Suicides	134	1	1	2	1	3	....	3	1	3	12	2
163. Suicides by poisoning	42	1	....	....	....	1	....	....	....	1	5	1
163A. By corrosive substances, solid and liquid poisonings	26	1	....	....	....	1	....	....	....	1	3	1
163B. By poisonous gas	16	....	....	....	....	....	....	....	....	....	2	....
164. Suicide by other means	92	....	1	2	1	2	....	3	1	2	7	1
164A. By hanging or strangulation	24	....	....	....	....	....	....	....	....	1	2	....
164B. By drowning	15	....	....	....	....	....	....	1	1	....	1	....
164C. By firearms or explosives	14	....	1	....	....	1	....	1	....	....	2	1
164D. By cutting or piercing instruments	14	....	....	....	....	....	....	1	....	....	1	....
164E. By jumping from high places	17	....	....	1	....	....	....	....	....	1	....	....
164F. By crushing	6	....	....	1	1	....	....	....	....	....	....	....
164G. By other or unspecified means	2	....	....	....	....	1	....	....	....	....	1	....
166–168. Homicides	23	....	....	....	....	....	....	....	1	....	1	....
166. Homicide by firearms	4	....	....	....	....	....	....	....	....	....	....	....
167. Homicide by cutting or piercing instruments	3	....	....	....	....	....	....	....	....	....	1	....
168. Homicide by other or unspecified means	16	....	....	....	....	....	....	....	1	....	....	....
169–195. Accidental deaths	1,364	30	26	11	45	21	2	23	20	13	137	36
169. Railway accidents (excluding motor vehicles)	31	1	1	....	3	1	....	2	....	....	2	1
170. Motor vehicle accidents	432	13	7	2	17	9	1	5	4	2	45	8
170A. Collisions with trains	14	2	....	....	3	....	....	1	....	....	1	....
170B. Collisions with street-cars	5	....	....	....	....	....	....	....	....	....	....	....

OF 10,000 POPULATION AND OVER—ONTARIO, 1941—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
1	2	....	....	3	4	....	....	2	2	....	....	....	....	....	....	....	11	1	1	....	
1	2	....	....	1	3	....	....	1	1	....	....	....	....	....	....	....	4	1	....	....	154
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	155
....	....	....	....	1	1	....	....	1	1	....	....	....	....	....	....	....	6	....	1	....	156
....	....	....	....	....	1	....	....	1	1	....	....	....	....	....	....	....	4	....	1	....	156A
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	156B
5	22	5	5	6	45	3	8	3	4	3	6	4	4	6	10	3	109	5	17	2	
5	22	5	5	6	45	3	8	3	4	3	6	4	4	6	10	3	109	5	17	2	157
....	3	1	1	1	12	....	1	1	2	....	....	1	1	....	2	1	20	1	2	....	157A
....	1	2	1	2	12	2	2	1	....	1	4	....	3	1	....	....	20	....	3	....	157B
2	....	....	....	....	1	....	....	1	....	....	....	....	....	....	2	....	1	....	....	....	157C
2	7	1	1	2	8	....	1	....	1	2	....	1	....	5	2	1	34	3	5	1	175D
1	11	1	2	1	12	1	4	....	1	....	2	2	....	....	4	1	34	1	7	1	157E
23	34	13	12	13	105	11	16	21	33	14	19	15	19	7	45	22	215	9	51	6	
1	2	....	....	....	7	....	....	....	4	....	1	2	....	....	....	4	4	....	....	....	158
7	13	7	7	6	52	5	8	9	20	7	9	4	9	5	27	13	135	4	26	6	159
7	14	4	3	4	31	3	4	10	3	6	8	6	8	1	9	3	34	3	20	....	160
....	8	3	1	1	17	2	2	7	1	4	2	3	6	1	3	1	19	1	12	....	160A
1	1	....	....	1	2	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	160B
6	5	1	2	2	12	1	2	3	2	2	6	3	2	....	6	2	14	2	7	....	160C
8	5	2	2	3	15	3	4	2	6	1	1	3	2	1	9	2	42	2	5	....	161
6	2	2	2	1	7	2	3	2	....	1	....	1	1	....	7	2	15	1	1	....	161A
1	2	....	....	....	3	....	....	....	....	....	....	....	....	....	....	....	4	....	1	....	161B
1	1	....	....	2	5	1	1	....	6	....	1	2	1	1	2	....	23	1	3	....	161C
2	2	1	1	....	15	3	1	5	....	9	2	1	....	6	....	....	39	2	6	6	
2	2	1	1	....	15	3	1	5	....	9	2	1	....	6	....	....	39	2	6	6	162
....	....	....	....	....	1	1	....	....	....	1	....	....	....	....	....	....	5	1	....	....	162A
2	2	1	1	....	14	2	1	5	....	8	2	1	....	6	....	....	34	1	6	6	162B
29	64	15	12	26	113	20	15	22	23	35	27	17	21	18	33	16	495	33	75	18	
6	4	2	1	5	5	2	....	2	2	3	1	....	4	2	3	2	55	1	4	1	163–164
2	....	....	....	1	1	1	....	2	....	....	....	....	1	1	2	....	20	....	1	1	163
1	....	....	....	1	1	....	....	1	....	....	....	....	1	1	2	....	9	....	1	6	163A
1	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	11	....	....	....	163B
4	4	2	1	4	4	1	....	....	2	3	1	....	3	1	1	2	35	1	3	....	164
3	2	....	1	....	....	....	....	....	1	....	....	....	....	....	....	1	11	1	1	....	164A
....	....	2	....	....	3	....	....	....	1	....	....	....	....	1	....	....	5	....	....	....	164B
....	....	....	....	2	1	....	....	....	....	2	....	....	....	....	....	....	3	....	....	....	164C
1	1	....	....	2	....	1	....	....	....	....	....	....	2	....	....	1	4	....	....	....	164D
....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	....	....	11	....	1	....	164E
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	....	164F
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	164G
....	2	1	....	....	2	....	....	....	1	....	....	....	....	....	....	....	13	....	2	....	166–168
....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	166
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	167
....	....	1	....	....	2	....	....	....	1	....	....	....	....	....	....	....	10	....	1	....	168
23	58	12	11	21	106	18	15	20	20	32	26	16	17	16	30	14	427	32	69	17	169–195
....	....	....	....	1	2	....	1	3	1	....	....	....	1	....	1	....	8	1	....	1	169
10	19	4	5	10	35	2	1	4	5	18	9	3	5	5	12	2	122	15	30	3	170
....	1	....	....	1	....	....	....	....	....	....	1	....	....	....	1	....	1	1	1	....	170A
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	4	....	....	....	170B

TABLE 39—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES,

CAUSES OF DEATH	Total	Belleville	Brantford	Brockville	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston
170c. Automobile accidents (excluding trains or street-cars)	410	11	7	2	14	9	1	4	4	2	44	8
170d. Motorcycle accidents (excluding automobiles)	3	....	....	....	....	....	....	....	....	....	....	....
171. Street-car and other road transport accidents	30	....	1	....	....	....	....	....	....	....	2	....
171a. Street-car accidents (excluding trains and motor vehicles)	18	....	....	....	....	....	....	....	....	....	1	....
171b. Others under this title	12	....	1	....	....	....	....	....	....	....	1	....
172. Water transport accidents	8	....	....	....	....	....	....	1	....	....	2	....
173. Air transport accidents	9	....	....	....	....	....	....	....	....	....	....	....
174. Accidents in mines and quarries	7	....	....	....	....	....	....	....	....	....	1	....
175. Agricultural and forestry accidents	26	1	....	....	2	....	....	1	....	1	2	....
175a. Accidents involving agricultural machinery and vehicles	11	....	....	....	2	....	....	....	....	....	1	....
175b. Injury by animals, in agriculture	3	1	....	....	....	....	....	....	....	....	....	....
175c. Other agricultural accidents	9	....	....	....	....	....	....	....	....	1	1	....
175e. Other forestry accidents	3	....	....	....	....	....	....	1	....	....	....	....
176. Other accidents involving machinery	30	....	....	....	....	....	....	2	....	....	4	1
177. Food poisoning	8	....	....	1	....	....	....	....	2	....	2	....
178. Accidental absorption of poisonous gas	23	....	1	....	....	....	....	....	....	....	7	1
178a. Coal and illuminating gas	7	....	....	....	....	....	....	....	....	....	2	....
178b. Motor vehicle exhaust gas	3	....	1	....	....	....	....	....	....	....	1	....
178c. Other carbon-monoxide gas	8	....	....	....	....	....	....	....	....	....	3	1
178d. Other poisonous gases	5	....	....	....	....	....	....	....	....	....	1	....
179. Acute accidental poisoning by solids or liquids	13	....	....	....	....	....	....	1	....	....	2	....
180. Conflagration	24	....	....	1	....	....	....	....	....	1	3	5
181. Accidental burns (conflagration excepted)	62	3	1	....	2	....	....	....	1	....	6	3
182. Accidental mechanical suffocation	25	....	....	....	1	....	....	....	....	2	3	....
183. Accidental drowning	51	1	2	....	3	1	....	3	....	1	5	3
184. Accidental injury by firearms	10	....	....	....	1	1	....	....	1	....	1	....
185. Accidental injury by cutting or piercing instruments	5	....	....	....	....	....	....	....	....	....	....	1
186. Accidental injury by fall or crushing	470	9	12	7	10	8	1	6	12	6	35	12
188. Injury by animals	8	....	....	....	1	....	....	....	....	....	1	....
190. Excessive cold	3	....	....	....	....	....	....	....	....	....	1	....
191. Excessive heat	9	....	1	....	....	....	....	....	....	....	2	....
192. Lightning	2	....	....	....	....	....	....	....	....	....	....	....
193. Accidents due to electric currents	6	1	....	....	....	....	....	....	....	....	....	....
195. Other accidents	72	1	....	....	5	1	....	2	....	....	11	1
195a. Sequelae of preventive immunization, inoculation or vaccination	1	....	....	....	....	....	....	....	....	....	....	....
195b. Other accidents due to medical or surgical intervention	2	....	....	....	....	....	....	....	....	....	1	....
195c. Lack of care of the new-born	1	....	....	....	....	....	....	....	....	....	....	....
195d. Obstruction, suffocation or puncture by ingested objects	27	....	....	....	1	1	....	2	....	....	2	....
195e. Other and unspecified objects	41	1	....	....	4	....	....	....	....	....	8	1
Operations of War and Legal Executions												
198. Legal executions	1	....	....	....	....	....	....	....	....	....	....	....
Class XVIII.—Ill-Defined and Unknown Causes of Death												
Total	30	6	....	....	1	1	....	....	....	....	....	1
199 Sudden death	7	2	....	....	....	1	....	....	....	....	....	1
200. Ill-defined and unknown causes	23	4	....	....	1	....	....	....	....	....	....	....
200a. Ill-defined	14	1	....	....	1	....	....	....	....	....	....	....
200b. Found dead	4	....	....	....	....	....	....	....	....	....	....	....
200c. Unknown or unspecified cause	5	3	....	....	....	....	....	....	....	....	....	....

SPECIAL CLASSES OF ACCIDENTAL DEATHS FOR

(Included also under the numbers of the

a. Accidental absorption of poisonous gas	9	....	....	....	....	....	....	....	....	1	....	5
b. Accidental burns (conflagration excepted)	18	....	....	1	2	....	....	....	....	....	3	....
c. Accidental mechanical suffocation	2	....	....	....	....	....	....	....	....	....	....	....
d. Accidental drowning	10	....	....	....	....	....	....	1	....	....	2	....
e. Accidental cutting or piercing	10	1	....	....	....	....	....	....	....	....	1	....
f. Accidental fall	37	....	....	....	1	....	....	....	....	1	2	....
g. Accidental crushing	488	14	8	2	19	10	1	10	4	2	51	10

OF 10,000 POPULATION AND OVER—ONTARIO, 1941—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
10	18	4	5	9	34	2	1	4	5	18	8	3	5	5	11	2	114	14	29	3	170C
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	170D
....	1	....	....	....	3	....	1	1	....	....	....	1	....	....	....	....	17	1	1	1	171
....	....	....	....	....	3	....	....	....	....	....	....	....	....	....	....	....	14	....	....	....	171A
....	1	....	....	....	....	....	1	1	....	....	....	1	....	....	....	....	3	1	1	1	171B
....	....	....	....	....	2	....	....	....	....	1	....	....	....	....	....	....	2	....	....	....	172
....	....	....	....	....	3	....	....	....	....	....	....	....	....	....	....	....	6	....	....	....	173
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	6	....	....	....	....	174
1	....	....	1	....	2	2	2	1	....	1	1	1	....	1	....	....	3	1	1	1	175
....	....	....	....	....	....	....	1	....	....	1	1	1	....	....	....	....	2	1	....	1	175A
....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	175B
1	....	....	....	....	2	1	....	1	....	....	....	....	....	....	....	....	1	....	1	....	175C
....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	175E
1	1	....	....	1	2	....	1	....	....	1	....	1	5	....	....	1	3	3	2	1	176
....	....	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	177
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	12	....	1	....	178
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	....	....	....	178A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	178B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	1	....	178C
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	....	....	....	178D
....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	6	....	2	....	179
....	....	....	....	1	3	....	....	....	2	1	....	....	....	....	2	....	5	....	....	....	180
2	4	1	....	....	4	1	1	....	....	2	1	....	....	....	1	....	23	2	2	2	181
....	....	....	....	....	2	....	....	....	....	....	2	1	....	....	....	1	10	1	2	....	182
....	2	1	....	1	2	....	1	1	3	....	....	....	1	1	3	2	11	1	2	....	183
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	4	....	1	....	184
....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	2	....	....	....	185
9	27	5	2	7	37	10	6	7	7	6	9	7	3	7	8	1	162	5	19	8	186
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	3	....	1	....	188
....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	190
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	....	1	....	191
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	192
....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	....	....	1	....	1	....	193
....	2	1	....	....	5	3	1	2	1	1	4	1	....	1	2	1	22	2	2	....	195
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	195A
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....	1	....	....	....	3	1	....	....	1	....	1	....	....	....	....	1	12	1	....	....	195D
....	1	1	....	....	2	1	1	2	....	1	3	1	....	1	1	....	9	1	2	....	195E
....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	198
2	....	2	....	1	1	2	....	....	....	2	....	1	1	....	....	....	6	2	1	....	
....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	199
2	....	2	....	1	....	2	....	....	....	1	....	1	1	....	....	....	6	1	1	....	200
2	....	....	....	....	2	....	....	....	....	1	....	....	1	....	....	....	6	....	....	....	200A
....	....	2	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	200B
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	200C

CITIES, TOWNS AND VILLAGES OF 10,000 POPULATION AND OVER

International List above), ONTARIO, 1941

....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	1	....	....	....	A
....	....	....	....	1	3	....	....	....	....	1	....	....	....	....	2	....	4	....	1	....	B
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....	1	....	1	1	....	....	....	....	....	2	....	....	....	....	....	....	1	....	2	....	E
....	1	....	....	....	5	1	2	2	1	3	1	....	2	....	....	2	6	3	2	2	F
11	19	4	4	11	41	3	3	5	5	15	9	5	8	5	13	5	140	17	29	5	G

TABLE 40—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
Total	39226	75	493	717	499	2,141	516	149	192	278	579	1,463	800	175	180	656	242	57	234	740	542	238	712	614	412
CLASS I.—INFECTIOUS AND PARASATIC DISEASES.																									
Total	2319	5	27	65	25	158	64	6	7	11	21	81	53	22	6	30	5	5	5	43	12	22	16	16	20
1. Typhoid fever	18	..	1	...	...	1	2	..	..	...	...	1	1	..	..	...	...	..	...	...	...	..	...	...	...
2. Paratyphoid fever	5	..	...	...	...	...	...	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
5. Undulant fever	2	..	...	...	...	...	...	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...	...
6. Cerebrospinal meningitis	60	..	1	...	...	6	1	..	..	...	...	...	2	..	..	...	...	..	...	3	...	..	3	...	...
8. Scarlet fever	38	..	1	1	...	1	2	1	..	1	2	2	...	..	..	...	...	..	...	2	...	..	1	2	1
9. Whooping-cough	100	..	1	1	3	4	3	..	..	1	...	3	8	1	..	1	...	1	...	4	1	..	...	1	2
10. Diphtheria	14	..	...	...	2	1	..	..	..	...	2	...	...	..	..	...	...	..	...	...	...	..	...	...	...
11. Erysipelas	15	..	1	...	...	1	..	..	..	...	1	...	1	..	..	...	...	..	...	1	...	..	...	...	...
12. Tetanus	7	..	...	...	1	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	1	...	...
13–22. Tuberculosis	1100	..	11	37	6	75	29	1	2	4	3	37	17	14	..	3	2	..	1	10	6	16	4	6	6
13. Tuberculosis of the respiratory system	968	..	10	34	5	68	24	1	2	3	2	33	14	14	..	2	2	..	1	7	5	12	2	6	3
13A. With mention of occupational diseases of lungs	32	..	...	3	...	1	3	..	..	1	...	1	...	..	..	1	...	..	...	...	...	..	...	...	1
13B. Without mention of occupational diseases of lungs	896	..	9	31	4	67	19	1	2	2	2	32	14	14	..	1	2	..	1	7	4	11	2	6	2
13C. Unspecified site	11	..	1	...	1	...	2	..	..	...	...	...	...	..	..	...	...	..	...	...	1	1	...	...	...
13D. With mention of dementia praecox	29	..	...	...	...	...	...	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
14. Tuberculosis of the meninges and central nervous system	56	..	1	2	1	5	2	..	..	...	1	2	2	..	..	1	...	..	...	2	...	3	...	...	1
15. Tuberculosis of the intestines and peritoneum	17	..	...	...	...	1	..	..	..	...	...	1	1	..	..	...	...	..	...	...	...	..	...	...	...
16. Tuberculosis of the vertebral column	10	..	...	...	...	...	...	..	..	...	...	...	...	..	..	...	...	..	...	1	1	..	1	...	1
17. Tuberculosis of other bones and joints	4	..	...	...	...	...	...	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	1	...	...
17B. Joints	4	..	...	...	...	...	...	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	1	...	...
19. Tuberculosis of the lymphatic system (bronchial, mesenteric, mediastinal and retroperitoneal glands excepted)	9	..	...	...	...	...	...	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	1
20. Tuberculosis of the genito-urinary system	13	..	...	...	...	1	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...	...
21. Tuberculosis of other organs	1	..	...	1	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
22. Disseminated tuberculosis	22	..	...	...	...	...	3	..	..	1	...	...	...	..	..	...	...	..	...	...	...	1	...	...	...
22A. Acute generalized miliary	17	..	...	...	...	...	..	..	..	1	...	...	...	..	..	...	...	..	...	...	...	1	...	...	...
22B. Other and unspecified generalized	5	..	...	...	...	...	3	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
24. Purulent infection and septicaemia	22	..	...	...	...	...	..	..	..	...	1	1	1	..	1	1	...	..	...	...	...	..	1	...	...
25. Gonococcus infection	4	..	...	1	...	2	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
27. Dysentery	37	..	1	2	4	2	1	..	..	...	1	2	...	1	..	...	...	..	...	...	...	1	...	...	...
30. Syphilis	271	..	4	10	2	30	1	..	..	...	3	10	5	..	..	1	...	..	...	3	...	1	...	2	3
30A. Locomotor ataxia (tabes dorsalis)	15	..	...	...	...	1	..	..	..	...	1	...	...	..	..	...	...	..	...	...	...	..	...	...	1
30B. General paralysis of the insane	54	..	...	1	...	2	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...	...
30C. Other syphilis of the central nervous system	23	..	...	...	...	4	..	..	..	...	...	...	2	..	..	...	...	..	...	2	...	..	...	...	...
30D. Others under this title	179	..	4	9	2	23	1	..	..	...	2	9	3	..	..	1	...	..	...	1	...	1	...	2	2
32. Other diseases due to spirochaetes	1	..	...	...	...	...	...	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
33. Influenza	465	5	5	8	2	28	23	3	3	4	4	17	12	4	5	20	2	4	3	17	4	3	6	5	7
33A. With respiratory complications	297	4	4	5	2	21	11	2	2	3	2	13	6	2	4	16	2	4	2	10	1	2	3	4	4
33B. Without respiratory complications	168	1	1	3	...	7	12	1	1	1	2	4	6	2	1	4	...	..	1	7	3	1	3	1	3
35. Measles	43	..	...	3	...	...	1	1	2	1	...	3	2	..	..	2	1	..	...	1	...	..	...	...	1
36. Acute poliomyelitis and polioencephalitis	10	..	...	...	4	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	1	...	...	...
37. Acute infectious encephalitis	25	..	...	...	...	2	..	..	..	...	1	1	2	1	..	...	...	..	...	...	1	..	...	...	...

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1941

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
516	118	614	139	1,666	281	382	371	363	672	680	286	263	570	542	283	223	132	557	151	1,105	452	592	738	395	337	929	815	703	2,284	9,363	
28	8	31	19	154	64	32	22	11	26	69	21	10	16	12	24	13	8	37	6	45	36	43	78	49	9	44	21	24	185	449	
1	..	...	..	...	..	1	1	...	...	...	..	...	...	...	..	..	..	...	..	...	1	2	...	...	...	1	...	...	2	3	1
...	..	...	..	...	..	1	...	...	...	...	1	...	...	...	..	..	..	1	..	1	...	...	...	1	...	...	...	...	...	...	2
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	1	..	...	...	...	...	...	...	...	...	...	...	...	5
...	..	...	..	6	..	1	...	...	2	1	..	...	2	1	..	..	..	1	..	3	...	...	1	...	...	1	...	1	5	19	6
...	1	1	..	1	..	...	...	1	...	...	1	...	2	...	..	..	..	...	..	1	...	1	1	...	...	...	...	1	1	9	8
3	..	2	1	4	2	5	...	...	3	...	3	1	...	...	2	2	..	1	..	5	...	7	1	2	1	...	1	2	5	12	9
...	..	...	..	1	..	1	...	...	...	...	..	...	...	...	1	..	..	1	..	...	1	...	...	...	...	...	...	...	1	3	10
1	..	...	..	1	1	...	...	1	...	1	..	...	...	...	1	..	..	...	..	1	1	...	...	...	...	...	...	...	...	2	11
...	..	...	..	1	..	...	...	...	...	...	..	...	1	...	..	..	..	...	..	...	...	...	...	...	...	...	1	...	...	1	12
6	1	14	9	94	59	5	7	2	5	53	7	4	2	4	9	1	2	13	2	11	9	15	58	37	3	20	2	6	119	231	13–22
6	1	14	9	92	59	1	5	1	5	50	6	4	1	4	7	1	2	10	1	6	4	11	50	36	3	20	1	2	116	190	13
...	..	2	..	6	..	...	...	...	...	...	..	...	...	1	..	..	..	...	..	...	...	...	2	...	...	2	...	...	3	5	13A
5	1	12	9	85	59	1	5	1	4	24	6	4	1	2	7	1	2	10	1	6	4	11	47	36	3	18	1	1	111	185	13B
1	..	...	..	...	..	...	...	...	...	...	..	...	...	1	..	..	..	...	..	...	...	...	1	...	...	...	...	1	1	...	13C
...	..	...	..	1	..	...	...	...	1	26	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	1	...	13D
...	..	...	..	1	..	1	1	...	...	...	..	...	...	...	..	..	..	...	1	1	3	2	4	...	...	...	...	1	...	18	14
...	..	...	..	...	..	1	...	1	...	3	..	...	...	...	1	..	..	...	..	...	...	2	...	...	...	...	...	2	1	3	15
...	..	...	..	...	..	...	...	...	...	...	1	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	5	16
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	1	..	1	...	...	...	...	...	...	...	...	...	1	17
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	1	..	1	...	...	...	...	...	...	...	...	...	.. 1	17B
...	..	...	..	...	..	1	1	...	...	...	..	...	...	...	..	..	..	2	..	...	1	...	...	...	...	...	...	1	...	2	19
...	..	...	..	...	..	...	...	...	...	...	..	...	1	...	..	..	..	...	..	1	1	...	...	1	...	...	1	...	1	5	20
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	...	21
...	..	...	..	1	..	1	...	...	...	...	..	...	...	...	1	..	..	...	..	2	...	...	4	...	...	...	...	...	1	7	22
...	..	...	..	1	..	1	...	...	...	...	..	...	...	...	1	..	..	...	..	2	...	...	2	...	...	...	...	...	1	7	22A
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	2	...	...	...	...	...	...	...	22B
1	..	...	..	...	..	2	2	...	1	...	..	...	...	1	..	..	..	1	..	...	1	1	1	...	...	...	1	1	1	2	24
...	..	...	..	1	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	...	25
...	..	2	1	1	..	2	2	1	...	...	..	1	...	...	..	..	1	5	..	...	1	...	1	1	...	...	1	...	1	1	27
5	2	3	..	22	1	2	2	1	4	2	...	...	2	...	..	1	..	3	..	4	3	4	6	1	...	6	4	1	24	93	30
...	..	...	..	2	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	1	...	...	9	30A
2	..	1	..	7	..	1	...	...	3	1	...	...	2	...	..	..	..	...	..	1	...	...	...	...	...	...	...	...	6	26	30B
2	..	...	..	1	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	1	1	...	...	1	...	...	2	7	30C
1	2	2	..	12	1	1	2	1	1	1	..	...	...	...	..	1	..	3	..	3	3	3	5	1	...	5	3	1	16	51	30D
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	1	32
9	4	8	8	13	1	8	4	4	10	10	6	3	5	4	10	9	5	10	4	14	16	8	5	7	5	10	9	7	17	38	33
4	2	7	1	10	1	4	2	2	5	8	4	1	4	3	8	5	3	8	2	10	9	4	3	7	4	4	7	3	14	19	33A
5	2	1	7	3	..	4	2	2	5	2	2	2	1	1	2	4	2	2	2	4	7	4	2	...	1	6	2	4	3	19	33B
...	..	...	..	1	..	3	3	...	...	1	3	...	...	...	1	..	..	...	..	3	1	3	...	...	...	...	1	2	1	2	35
...	..	...	..	1	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	1	...	...	...	...	...	...	3	36
...	..	1	..	1	..	...	...	...	...	...	..	...	2	...	..	..	..	...	..	1	...	1	...	...	...	1	...	2	2	6	37

TABLE 40—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
38. Other diseases due to filterable viruses	7	..	...	...	...	...	..	..	..	...	...	1	...	..	..	...	...	..	...	1	...	..	...	...	...
38B. German measles	2	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
38C. Chicken-pox	2	..	...	...	...	...	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...	...
38D. Others under this title	3	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	1	...	..	...	...	...
43. Mycoses	6	..	...	...	1	1	..	..	..	...	...	...	...	..	..	...	...	..	...	1	...	..	...	...	...
44. Other infectious and parasitic diseases	69	..	1	2	...	3	1	..	..	...	3	2	2	1	..	2	...	..	1	...	...	..	...	...	...
44B. Lymphogranulomatosis (Hodgkin's disease)	62	..	1	2	...	1	1	..	..	...	3	2	2	1	..	2	...	..	1	...	...	..	...	...	...
44C. Mumps	7	..	...	...	...	2	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
CLASS II.—CANCER AND OTHER TUMOURS																									
Total	5078	5	55	86	65	271	48	23	18	26	77	185	103	14	18	70	27	8	26	79	66	20	66	81	46
45–55. Cancer and other malignant tumours	4931	5	54	82	63	264	46	22	17	25	77	180	102	14	18	68	27	8	26	77	63	20	62	76	45
45. Cancer of the buccal cavity and pharynx	166	..	1	2	1	10	3	..	..	...	1	7	4	4	..	1	4	1	...	7	3	1	2	5	4
46. Cancer of the digestive organs and peritoneum	2430	2	28	46	29	124	29	9	11	12	38	87	42	7	10	38	14	2	14	35	28	11	31	33	23
46A. Oesophagus	103	..	1	2	1	7	1	..	..	1	2	4	2	..	..	...	1	..	1	...	...	..	1	...	1
46B. Stomach	865	..	11	21	8	45	17	5	3	4	15	34	9	3	5	17	7	1	5	18	12	5	9	12	7
46C. Duodenum	13	..	...	...	...	...	..	..	..	...	...	2	...	..	..	...	...	..	...	...	1	..	...	...	...
46D. Rectum and anus	282	1	4	3	3	22	1	1	2	1	2	11	5	1	1	4	...	..	1	3	1	1	5	4	1
46E. Intestines	688	1	8	11	11	24	7	1	3	4	9	20	17	2	1	14	3	..	4	6	10	..	6	13	11
46F. Liver and biliary passages	269	..	2	4	3	8	2	..	2	1	6	11	7	1	2	2	2	1	1	4	3	4	9	2	3
46G. Pancreas	176	..	2	4	3	16	1	2	..	1	4	4	2	..	1	1	1	..	1	4	1	1	1	2	...
46H. Mesentery and peritoneum	25	..	...	...	...	2	..	..	1	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...	...
46M. Other and unspecified sites	9	..	...	1	...	...	..	..	..	...	...	...	...	..	..	...	...	..	1	...	...	..	...	...	...
47. Cancer of the respiratory system	276	..	4	7	4	13	3	3	..	...	2	18	3	..	..	1	1	..	...	2	2	1	3	3	...
47A. Larynx	42	..	...	1	1	6	..	..	..	...	...	4	...	..	..	...	...	..	...	...	...	1	1	...	...
47B. Lung	169	..	4	6	2	5	2	2	..	...	2	10	1	..	..	1	1	..	...	2	2	..	...	3	...
47C. Mediastinum and other sites	65	..	...	...	1	2	1	1	..	...	...	4	2	..	..	...	...	..	...	...	...	..	2	...	...
48. Cancer of the uterus	362	..	5	4	5	13	5	..	1	1	1	18	9	1	2	5	1	2	...	7	6	2	9	6	4
48A. Cervix	163	..	2	2	...	7	3	..	1	...	...	13	4	..	1	...	...	2	...	3	1	..	6	3	1
48B. Other and unspecified sites	199	..	3	2	5	6	2	..	..	1	1	5	5	1	1	5	1	..	...	4	5	2	3	3	3
49. Cancer of other female organs	174	..	1	4	1	14	..	..	..	2	2	4	6	..	..	...	1	1	...	3	5	1	4	6	...
50. Cancer of the breast	542	2	9	10	8	30	2	5	1	3	11	16	16	..	1	9	...	..	4	8	5	2	6	7	8
51. Cancer of the male genital organs	276	..	2	1	7	28	2	..	2	2	5	4	6	..	3	4	1	..	3	6	6	1	2	6	...
52. Cancer of the urinary organs	247	1	1	2	6	8	1	4	..	2	6	8	5	1	..	4	2	..	2	4	1	..	1	1	2
52A. Kidney	54	..	...	...	...	4	..	..	..	...	...	1	1	..	..	1	...	..	...	2	...	..	...	...	...
52B. Bladder	193	1	1	2	6	4	1	4	..	2	6	7	4	1	..	3	2	..	2	2	1	..	1	1	2
53. Cancer of the skin	93	..	1	3	...	3	..	..	2	...	1	1	4	1	..	2	...	..	1	1	2	..	1	1	...
54. Cancer of the brain	81	..	1	...	...	7	..	..	..	...	4	5	1	..	1	1	...	1	...	3	2	..	...	...	1
55. Cancer of other and unspecified organs	284	..	1	3	2	14	1	1	..	3	6	12	6	..	1	3	3	1	2	1	3	1	3	8	3
56. Non-malignant tumours	109	..	1	4	1	5	1	..	1	1	...	5	1	..	..	2	...	..	...	2	2	..	3	4	...
56A. Ovary	21	..	...	1	1	2	..	..	1	...	...	1	...	..	..	1	...	..	...	2	...	..	...	2	...
56B. Uterus	25	..	...	...	...	1	..	..	..	...	...	1	1	..	..	1	...	..	...	...	...	..	...	1	...
56C. Other female genital organs	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
56D. Brain and other parts of the central nervous system	35	..	...	1	...	1	..	..	..	...	...	2	...	..	..	...	...	..	...	...	1	..	2	1	...
56E. Other and unspecified organs	27	..	1	2	...	1	1	..	..	1	...	1	...	..	..	...	...	..	...	...	1	..	1	...	...
57. Tumours of undetermined nature	38	..	...	...	1	2	1	1	..	...	...	...	...	..	..	...	...	..	...	...	1	..	1	1	1
57D. Brain and other parts of the central nervous system	25	..	...	...	...	1	..	1	..	...	...	...	...	..	..	...	...	..	...	...	1	..	1	...	...
57E. Other and unspecified organs	13	..	...	...	1	1	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	1	1

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1941—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	1	...	...	...	2	...	...	...	2	38
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	2	...	...	...	...	38B
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	1	...	...	...	...	...	...	...	...	38C
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	2	38D
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	1	2	43
2	..	...	..	6	..	1	1	1	1	1	..	1	...	2	..	..	..	...	..	1	2	...	3	...	...	3	1	1	5	19	44
1	..	...	..	5	..	1	1	1	...	1	..	1	...	1	..	..	..	...	..	1	2	...	3	...	...	3	1	...	5	19	44B
1	..	...	..	1	..	...	...	...	1	...	..	...	...	1	..	..	..	...	..	...	...	...	...	...	...	...	...	1	...	...	44C
48	9	57	16	244	20	34	30	37	89	85	22	33	73	61	28	20	12	57	13	104	50	54	83	38	33	127	91	88	328	1611	
46	9	56	15	241	18	33	30	36	86	82	22	33	73	57	28	19	12	57	13	100	48	52	81	38	33	123	90	85	320	1554	45–55
2	..	3	..	5	..	2	2	...	2	2	2	1	2	...	..	..	1	4	..	1	2	2	2	...	...	3	4	3	14	46	45
26	5	30	9	132	9	16	12	14	52	45	16	16	28	28	16	14	6	26	7	57	21	26	43	22	12	64	44	35	154	742	46
...	..	...	2	7	1	1	...	2	1	1	..	...	3	4	..	1	..	1	..	1	2	...	1	1	...	3	1	1	6	38	46A
7	1	10	3	32	5	5	3	5	23	16	8	6	12	9	7	7	4	12	3	24	7	15	19	8	4	25	17	13	50	232	46B
1	..	...	..	1	..	...	...	...	...	...	..	...	...	1	..	..	..	...	..	...	...	...	...	...	1	2	...	...	...	4	46C
3	2	3	..	13	..	2	2	...	6	4	3	2	7	1	1	1	1	...	..	3	1	2	2	...	...	6	5	3	24	107	46D
9	1	9	3	54	..	5	5	5	13	13	3	7	2	9	4	4	1	6	2	19	5	3	8	5	2	17	11	13	49	215	46E
3	1	4	1	15	2	2	2	2	7	7	1	...	3	4	2	1	..	3	2	6	4	2	4	3	3	7	6	2	10	80	46F
2	..	4	..	7	1	1	...	...	2	4	1	1	1	...	2	..	..	4	..	3	2	3	9	5	2	1	4	3	10	52	46G
1	..	...	..	2	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	1	...	...	...	...	...	3	...	...	3	11	46H
...	..	...	..	1	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	1	...	...	...	...	...	...	2	3	46M
...	..	3	..	14	2	2	2	1	2	...	1	...	1	7	1	..	1	1	..	4	3	5	3	4	2	2	4	3	20	118	47
...	..	...	..	1	1	1	...	1	1	...	..	...	...	...	..	..	..	1	..	...	1	1	1	...	...	...	1	...	5	13	47A
...	..	2	..	8	1	1	2	...	1	...	1	...	1	5	1	..	1	...	..	2	2	4	2	4	2	1	3	2	13	67	47B
...	..	1	..	5	...	...	...	...	...	...	..	...	...	2	...	...	...	...	..	2	...	...	...	...	...	1	...	1	2	38	47C
...	..	2	2	15	2	5	5	2	8	5	..	1	6	5	4	1	..	4	..	6	3	5	7	...	2	10	11	13	24	107	48
...	..	2	..	8	..	1	4	...	4	1	..	...	4	1	..	1	..	...	..	2	1	3	4	...	1	2	6	4	10	55	48A
...	..	...	2	7	2	4	1	2	4	4	..	1	2	4	4	..	..	4	..	4	2	2	3	...	1	8	5	9	14	52	48B
2	..	2	..	3	3	1	1	2	3	2	..	3	3	2	..	..	..	3	..	1	3	1	1	1	3	1	2	8	8	60	49
1	1	7	3	22	1	1	1	8	9	11	1	5	10	5	3	3	1	4	1	11	5	5	11	5	4	17	13	7	39	164	50
4	1	4	..	14	..	2	2	1	3	3	1	3	8	6	1	..	..	3	3	7	3	2	5	1	5	6	...	5	11	81	51
1	1	1	..	14	..	1	4	4	4	...	1	2	9	2	2	1	..	3	1	5	4	3	4	2	1	7	3	5	17	83	52
...	..	...	..	2	..	...	2	3	2	...	..	...	...	2	2	..	..	...	..	1	...	1	2	1	...	3	1	1	5	17	52A
1	1	1	..	12	..	1	2	1	2	...	1	2	9	...	..	1	..	3	1	4	4	2	2	1	1	4	2	4	12	66	52B
3	..	...	..	6	..	1	...	...	1	3	..	...	2	1	..	..	2	3	1	3	1	2	2	2	1	3	1	1	5	25	53
...	1	2	1	3	..	...	...	...	...	...	..	...	1	...	..	..	..	1	..	2	...	...	...	...	1	4	...	...	3	35	54
7	..	2	..	13	1	2	1	4	2	11	..	2	3	1	1	..	1	5	..	3	3	1	3	1	2	6	8	5	25	93	55
2	..	...	..	2	2	...	...	1	3	3	..	...	...	2	..	1	..	...	..	2	2	1	1	...	...	3	1	3	5	42	56
...	..	...	..	1	2	...	...	...	...	2	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	1	...	1	3	56A
1	..	...	..	...	..	...	...	...	...	1	..	...	...	1	..	1	..	...	..	...	...	1	...	...	...	3	...	2	1	9	56B
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	1	56C
1	..	...	..	1	..	...	...	...	3	...	..	...	...	1	..	..	..	...	..	2	...	...	1	...	...	...	...	1	...	17	56D
...	..	...	..	...	..	...	...	1	...	...	..	...	...	...	..	..	..	...	..	...	2	...	...	...	...	...	...	...	3	12	56E
...	..	1	1	1	..	1	...	...	...	...	..	...	...	2	..	..	..	...	..	2	...	1	1	...	...	1	...	...	3	15	57
...	..	1	1	1	..	1	...	...	...	...	..	...	...	...	..	..	..	...	..	2	...	1	1	...	...	...	...	...	1	12	57D
...	..	...	..	...	..	...	...	...	...	...	..	...	...	2	..	..	..	...	..	...	...	...	...	...	...	1	...	...	2	3	57E

TABLE 40—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
CLASS III.—RHEUMATIC DISEASES, OF NUTRITION AND OF THE ENDOCRINE GLANDS, OTHER GENERAL AND VITAMIN DEFICIENCY DISEASES																									
Total	1336	2	23	30	23	81	14	5	9	7	22	68	29	2	5	22	10	1	6	22	23	6	22	16	8
58. Acute rheumatic fever	99	..	1	2	1	6	3	1	..	1	1	5	...	..	..	1	...	..	...	1	...	2	...	1	...
58A. Acute rheumatic heart conditions	86	..	1	2	1	5	3	..	..	1	...	5	...	..	..	1	...	..	...	1	...	2	...	1	...
58B. Others under this title	13	..	...	...	...	1	..	1	..	...	1	...	...	..	..	...	...	..	...	...	...	...	...	...	...
59. Chronic rheumatism and other rheumatic diseases	59	..	1	1	3	6	..	1	..	1	2	3	1	1	1	1	2	1	...	2	...	1	...	1	...
60. Gout	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	...	...	...	...
61. Diabetes mellitus	872	..	15	17	13	42	5	3	8	4	17	50	23	1	3	13	5	..	6	12	19	1	15	9	7
62. Diseases of the pituitary gland	5	..	1	1	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	...	...	...	...
63. Diseases of the thyroid and parathyroid glands	216	2	5	7	6	20	2	..	..	1	1	5	4	..	..	6	2	..	...	6	4	1	5	3	1
63A. Simple goitre	9	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	1	...	...	...	...	...
63B. Exophthalmic goitre	186	2	5	7	5	14	2	..	..	1	1	5	3	..	..	6	2	..	...	4	4	1	5	3	1
63C. Myxoedema and cretinism	15	..	...	...	1	4	..	..	..	...	...	...	1	..	..	...	...	..	...	1	...	...	...	...	...
63D. Others under this title	6	..	...	...	...	2	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	...	...	...	...
64. Diseases of the thymus gland	51	..	...	1	...	5	3	..	..	...	1	5	1	..	..	1	1	..	...	1	...	1	1	1	...
65. Diseases of the adrenal glands (Addison's disease)	13	..	...	...	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	1	...	...
66. Other general diseases	10	..	...	1	...	...	..	..	1	...	...	...	...	..	1	...	...	..	...	...	...	...	...	1	...
66A. Osteomalacia	3	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	...	...	1	...
66B. Others under this title	7	..	...	1	...	...	..	..	1	...	...	...	...	..	1	...	...	..	...	...	...	...	...	...	...
67. Scurvy	1	..	...	...	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	...	...	...	...
68. Beriberi	2	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	...	...	...	...
69. Pellagra	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	...	...	...	...
70. Rickets	2	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	...	...	...	...
71. Other vitamin deficiency diseases	4	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	...	...	...	...
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS																									
Total	365	..	3	7	4	8	2	1	1	1	7	16	11	..	1	8	...	..	2	5	6	2	12	9	4
72. Haemorrhagic conditions	17	..	...	...	...	...	..	..	1	...	...	1	...	..	..	1	...	..	...	...	1	..	1	...	...
72A. Primary purpura	13	..	...	...	...	...	..	..	1	...	...	1	...	..	..	1	...	..	...	...	1	..	...	...	...
72B. Haemophilia	4	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	1	...	...
73. Anaemias	163	..	3	4	2	1	1	1	..	1	3	3	4	..	..	5	...	..	1	2	3	2	8	7	3
73A. Pernicious anaemia	119	..	2	2	...	1	1	..	..	1	2	1	3	..	..	3	...	..	1	2	2	2	7	7	3
73B. Others under this title	44	..	1	2	2	...	..	1	..	...	1	2	1	..	..	2	...	..	...	...	1	..	1	...	...
74. Leukaemias and aleukaemias	168	..	...	3	2	7	1	..	..	...	3	12	6	..	1	2	...	..	1	2	2	..	2	2	1
74A. Leukaemias	157	..	...	3	2	5	1	..	..	...	3	11	6	..	1	2	...	..	1	2	2	..	2	2	1
74B. Aleukaemias (Hodgkin's disease excepted)	11	..	...	...	...	2	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	...	...	...	...
75. Diseases of the spleen	13	..	...	...	...	...	..	..	..	...	1	...	1	..	..	...	...	..	...	...	...	...	...	...	...
76. Other diseases of the blood and blood-forming organs	4	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	1	...	..	1	...	...
CLASS V.—CHRONIC POISONING AND INTOXICATION																									
Total	36	..	...	...	...	1	4	..	1	...	...	2	1	..	..	...	...	..	...	1	...	1	...	1	1
77. Alcoholism	27	..	...	...	...	1	4	..	..	...	...	2	...	..	..	...	...	..	...	1	...	1	...	1	1
77A. Acute alcoholism	13	..	...	...	...	1	..	..	..	...	...	1	...	..	..	...	...	..	...	1	...	..	...	1	...
77B. Chronic alcoholism	3	..	...	...	...	...	1	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...	...
77C. Others under this title	11	..	...	...	...	...	3	..	..	...	...	...	...	..	..	...	...	..	...	...	...	1	...	...	1
78. Lead poisoning	3	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
78A. Occupational	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
78B. Non-occupational	2	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1941—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
16	2	25	3	56	3	18	23	6	15	27	6	4	18	14	6	7	3	13	3	47	27	19	21	11	13	37	25	21	77	314	
1	..	1	..	2	..	4	...	1	2	6	1	...	2	...	2	..	..	...	..	2	2	3	2	2	...	...	1	2	5	32	58
1	..	1	..	2	..	4	...	1	2	3	1	...	...	...	2	..	..	...	..	2	1	3	1	2	...	...	1	2	5	29	58A
...	..	...	..	...	..	...	...	...	...	3	..	...	2	...	..	..	..	...	..	...	1	...	1	...	...	...	...	...	...	3	58B
1	..	...	..	2	..	...	...	...	...	1	1	...	1	2	..	1	..	1	..	1	4	...	1	...	1	1	...	2	1	9	59
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	1	...	...	...	...	60
11	..	18	1	42	2	6	19	5	7	14	4	3	8	8	2	5	2	7	3	30	14	12	14	7	6	27	21	15	59	212	61
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	1	...	...	1	62
2	1	3	2	9	..	5	2	...	6	4	..	1	7	2	1	1	1	5	..	10	2	3	2	1	3	5	2	1	12	42	63
...	..	...	..	...	..	...	...	...	1	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	1	6	63A
2	1	3	2	6	..	5	2	...	5	3	..	1	6	2	1	1	1	4	..	9	1	3	2	1	3	5	2	1	10	33	63B
...	..	...	..	1	..	...	...	...	...	1	..	...	1	...	..	..	..	1	..	...	1	...	...	...	...	...	...	...	...	3	63C
...	..	...	..	2	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	1	...	...	...	...	...	...	...	...	1	...	63D
...	1	1	..	1	1	2	1	...	...	2	..	...	...	1	..	..	..	...	..	3	5	1	2	1	2	2	...	1	...	2	64
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	1	..	..	...	..	...	...	...	...	...	1	1	...	...	...	8	65
1	..	...	..	...	..	1	...	...	...	...	..	...	...	1	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	3	66
1	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	1	66A
...	..	...	..	...	..	1	...	...	...	...	..	...	...	1	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	2	66B
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	...	67
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	2	68
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	1	69
...	..	...	..	...	..	...	1	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	1	70
...	..	2	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	1	...	...	...	...	...	...	...	...	...	1	71
2	..	3	..	19	..	...	4	4	7	6	3	3	9	4	1	6	..	4	..	12	4	...	6	1	3	8	7	6	23	110	
...	..	...	..	3	..	...	1	...	...	...	1	...	1	...	..	1	..	...	..	...	...	...	...	...	...	...	...	...	1	4	72
...	..	...	..	3	..	...	...	...	...	...	1	...	1	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	4	72A
...	..	...	..	...	..	...	1	...	...	...	..	...	...	...	..	1	..	...	..	...	...	...	...	...	...	...	...	...	1	...	72B
2	..	1	..	9	..	...	1	3	4	4	2	2	5	3	..	3	..	3	..	7	3	...	2	...	3	3	4	2	9	34	73
2	..	1	..	5	..	...	...	3	4	3	1	2	5	1	..	3	..	3	..	5	3	...	1	...	3	3	4	1	4	22	73A
...	..	...	..	4	..	...	1	...	...	1	1	...	...	2	..	..	..	...	..	2	...	...	1	...	...	...	...	1	5	12	73B
...	..	2	..	7	..	...	2	1	3	2	..	1	2	1	1	1	..	1	..	4	1	...	2	1	...	5	1	4	12	67	74
...	..	2	..	7	..	...	1	1	3	1	..	1	2	1	1	1	..	1	..	3	1	...	2	1	...	5	1	4	11	63	74A
...	..	...	..	...	..	...	1	...	...	1	..	...	...	...	..	..	..	...	..	1	...	...	...	...	...	...	...	...	1	4	74B
...	..	...	..	...	..	...	...	...	...	...	..	...	1	...	..	1	..	...	..	1	...	...	1	...	...	...	1	...	1	5	75
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	1	...	...	...	1	...	...	...	76
...	..	...	..	...	..	1	1	...	1	1	..	...	...	...	1	..	..	...	..	1	1	1	...	...	...	1	1	...	...	13	
...	..	...	..	...	..	1	...	...	1	1	..	...	...	...	1	..	..	...	..	...	1	1	...	...	...	...	1	...	...	9	77
...	..	...	..	...	..	...	...	...	1	1	..	...	...	...	1	..	..	...	..	...	...	...	...	...	...	...	1	...	...	5	77A
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	1	...	...	...	...	...	...	...	...	77B
...	..	...	..	...	..	1	...	...	...	...	..	...	...	...	..	..	..	...	..	...	1	...	...	...	...	...	...	...	...	4	77C
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	1	...	...	...	2	78
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	1	...	...	...	...	78A
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	2	78B

TABLE 40—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
79. Chronic poisoning by other mineral and organic substances	6	..	...	...	...	...	..	..	1	...	...	...	1	..	..	...	...	..	...	...	...	..	...	...	...
79A. Occupational	1	..	...	...	...	...	..	..	..	...	...	...	..	..	..	...	...	..	...	...	...	..	...	...	...
79B. Non-occupational	5	..	...	...	...	...	..	..	1	...	...	...	1	..	..	...	...	..	...	...	...	..	...	...	...
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS																									
Total	4538	12	42	72	70	231	37	17	26	36	87	128	77	25	41	88	40	6	31	95	77	20	84	66	64
80. Encephalitis (non-epidemic)	35	..	...	...	1	...	..	..	..	...	...	3	1	..	..	2	...	..	...	1	...	1	...	...	...
80A. Intracranial abscess	7	..	...	...	...	...	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...	...
80B. Others under this title	28	..	...	...	1	...	..	..	..	...	...	2	1	..	..	2	...	..	...	1	...	1	...	...	...
81. Meningitis (non-meningococcal)	62	..	...	...	...	3	2	..	..	2	2	...	...	..	..	...	...	..	...	1	...	..	...	1	1
81A. Simple meningitis	41	..	...	...	...	3	1	..	..	2	1	...	...	..	..	...	...	..	...	1	...	..	...	...	...
81B. Acute cerebrospinal meningitis	21	..	...	...	...	...	1	..	..	...	1	...	...	..	..	...	...	..	...	...	...	..	...	1	1
82. Diseases of the medulla and spinal cord	95	..	...	...	1	6	..	1	..	1	2	5	2	..	1	2	...	..	...	1	1	..	1	...	...
83. Intracranial lesions of vascular origin	3933	11	37	63	65	201	28	14	24	31	77	111	66	23	37	69	39	6	30	82	69	17	78	58	59
83A. Cerebral haemorrhage or effusion	1366	3	10	24	15	76	19	2	10	12	29	47	16	6	10	22	12	2	6	33	35	6	22	25	11
83B. Cerebral embolism and thrombosis	233	..	2	5	5	8	1	1	1	1	2	7	7	1	3	4	...	..	2	5	4	..	2	1	...
83C. Cerebral softening	10	..	...	...	...	...	..	2	..	...	...	...	1	..	..	...	...	..	...	...	1	..	...	...	...
83D. Hemiplegia and other paralysis of unspecified origin	163	..	3	...	4	11	4	..	2	1	...	...	1	2	..	2	1	1	2	5	2	..	5	2	2
83E. With mention of arteriosclerosis	2161	8	22	34	41	106	4	9	11	17	46	57	41	14	24	41	26	3	20	39	27	11	49	30	46
84. Mental disorders and deficiency (general paralysis of the insane excepted)	57	..	...	1	...	1	..	..	..	...	...	...	1	..	..	3	...	..	...	1	2	..	...	1	...
84A. Schizophrenia (dementia praecox)	8	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
84B. Others under this title	49	..	...	1	...	1	..	..	..	...	...	...	1	..	..	3	...	..	...	1	2	..	...	1	...
85. Epilepsy	59	..	...	1	...	4	..	1	..	...	2	...	4	1	1	2	...	..	...	1	...	..	2	2	...
86. Convulsions (under 5 years of age)	37	..	2	...	...	2	3	..	1	1	...	...	...	..	..	...	...	..	...	1	1	..	1	1	1
87. Other diseases of the nervous system	202	1	3	6	3	9	..	1	1	1	4	7	3	1	2	7	1	..	1	4	3	..	2	3	2
87A. Chorea	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	1	...	..	...	...	...
87B. Neuritis	3	..	...	1	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	1	..	...	...	...
87C. Paralysis agitans	75	..	1	1	2	3	..	..	1	1	2	6	...	1	1	2	1	..	...	2	1	..	1	2	1
87D. Disseminated sclerosis	97	1	1	4	1	1	..	1	..	...	...	...	2	..	1	5	...	..	1	1	1	..	1	1	1
87E. Others under this title	26	..	1	...	...	4	..	..	..	...	2	1	1	..	..	...	...	..	...	...	...	..	...	...	...
88. Diseases of organs of vision	7	..	...	...	...	...	..	..	..	...	...	1	...	..	..	1	...	..	...	...	...	..	...	...	...
89. Diseases of the ear and of the mastoid process	51	..	...	1	...	5	4	..	..	...	...	1	...	..	..	2	...	..	...	3	1	2	...	...	1
89A. Otitis and other diseases of the ear	23	..	...	1	...	1	2	..	..	...	...	...	...	..	..	...	...	..	...	1	...	..	...	...	...
89B. Diseases of the mastoid process	28	..	...	...	...	4	2	..	..	...	...	1	...	..	..	2	...	..	...	2	1	2	...	...	1
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM																									
Total	12718	29	151	239	175	633	85	51	69	123	170	471	230	64	50	229	72	18	106	217	190	60	249	234	160
90–95. Diseases of the heart	11676	28	141	216	158	586	82	43	62	108	150	446	214	58	41	194	65	17	104	194	165	60	225	202	149
90. Pericarditis (acute rheumatic excluded)	8	..	...	...	...	2	..	..	..	...	...	...	1	..	..	...	...	..	...	...	...	..	...	...	...
90B. Others under this title	8	..	...	...	...	2	..	..	..	...	...	...	1	..	..	...	...	..	...	...	...	..	...	...	...
91. Acute endocarditis (non-rheumatic)	96	..	...	1	...	3	3	..	..	...	...	7	1	..	..	...	4	..	...	3	...	..	...	3	3
91A. Bacterial endocarditis (acute, subacute or unspecified)	60	..	...	...	...	1	1	..	..	...	...	4	...	..	..	...	3	..	...	2	...	..	...	3	2

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1941—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
...	..	...	..	...	..	...	1	...	...	...	..	...	...	...	..	..	..	...	..	1	...	...	...	...	...	...	...	...	...	2	79
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	1	...	...	...	...	...	...	...	...	...	...	79A
...	..	...	..	...	..	...	1	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	2	79B
61	12	82	17	176	31	29	37	43	112	85	40	37	73	58	25	28	16	59	16	159	47	38	57	31	50	107	78	72	271	1119	
1	..	...	1	2	..	...	...	...	...	...	1	...	...	1	..	..	..	1	..	1	...	...	1	1	...	...	1	...	3	12	80
...	..	...	..	...	..	...	...	...	...	...	1	...	...	...	..	..	..	1	..	...	...	...	...	1	...	...	...	...	1	2	80A
1	..	...	1	2	..	...	...	...	...	...	..	...	...	1	..	..	..	...	..	1	...	...	1	...	...	...	1	...	2	10	80B
...	..	2	..	3	1	...	...	...	...	...	..	...	2	1	..	..	..	1	1	3	1	2	1	...	1	1	4	2	6	18	81
...	..	...	..	3	..	...	...	...	...	...	..	...	1	1	..	..	..	...	1	2	1	2	1	...	1	...	3	2	3	12	81A
...	..	2	..	...	1	...	...	...	...	...	..	...	1	...	..	..	..	1	..	1	...	...	...	...	...	1	1	...	3	6	81B
...	..	2	..	7	..	...	1	1	3	2	1	...	1	2	..	1	..	2	..	3	2	...	2	...	3	1	1	2	2	32	82
51	12	74	15	153	28	25	33	38	90	81	37	36	66	51	24	26	15	51	14	122	37	33	45	27	44	93	66	62	241	948	83
10	4	29	6	58	10	8	14	17	19	19	11	10	25	12	7	5	6	18	4	29	16	14	19	8	12	25	21	25	68	384	83A
2	..	3	..	15	1	2	...	2	15	2	1	...	3	2	1	2	2	7	..	11	...	3	1	2	...	3	4	1	17	69	83B
...	1	...	..	...	..	2	...	...	...	...	..	...	...	...	1	1	..	...	..	...	...	...	...	...	...	...	...	...	...	1	83C
...	..	...	1	10	2	2	...	1	2	3	6	1	1	1	3	..	2	8	1	3	2	3	1	3	3	1	3	1	8	41	83D
39	7	42	8	70	15	11	19	18	54	57	19	25	37	36	12	18	5	18	9	79	19	13	24	14	29	64	38	35	148	453	83E
5	..	...	..	2	..	...	1	...	14	1	..	1	...	...	..	..	..	...	..	6	...	...	3	...	...	1	2	...	2	9	84
...	..	...	..	1	..	...	...	...	5	...	..	...	...	...	..	..	..	...	..	...	...	...	1	...	...	...	...	...	1	...	84A
5	..	...	..	1	..	...	1	...	9	1	..	1	...	...	..	..	..	...	..	6	...	...	2	...	...	1	2	...	1	9	84B
2	..	1	..	...	..	1	...	1	2	1	..	...	1	...	1	..	..	1	1	7	...	...	1	1	...	1	...	3	7	6	85
1	..	...	..	...	1	2	...	...	...	...	1	...	1	1	..	1	..	2	..	1	...	...	1	...	...	...	1	1	...	9	86
1	..	3	1	7	1	1	2	3	2	...	..	...	1	2	..	..	1	1	..	12	6	1	1	1	2	8	3	2	8	67	87
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	...	87A
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	...	87B
1	..	1	1	3	..	...	...	...	1	...	..	...	...	...	..	..	..	...	..	6	...	...	1	1	...	3	1	...	2	25	87C
...	..	2	..	4	1	...	2	3	1	...	..	...	1	1	..	..	1	1	..	2	5	1	...	...	2	5	1	2	5	34	87D
...	..	...	..	...	..	1	...	...	...	...	..	...	...	1	..	..	..	...	..	4	1	...	...	...	...	...	1	...	1	8	87E
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	1	...	...	...	...	...	...	...	...	...	4	88
...	..	...	..	2	..	...	...	...	1	...	..	...	1	...	..	..	..	...	..	3	1	2	2	1	...	2	...	...	2	14	89
...	..	...	..	...	..	...	...	...	1	...	..	...	1	...	..	..	..	...	..	1	1	1	1	...	...	2	...	...	2	8	89A
...	..	...	..	2	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	2	...	1	1	1	...	...	...	...	...	6	89B
207	50	210	42	538	88	91	129	152	228	194	69	105	214	198	59	83	30	178	47	343	76	139	181	87	110	298	270	263	711	3253	
186	45	193	38	486	77	88	113	139	196	180	67	100	202	178	52	75	26	166	43	298	70	134	175	77	97	272	243	235	651	3066	90–95
...	..	1	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	1	...	...	...	...	...	...	...	1	...	...	2	90
...	..	1	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	1	...	...	...	...	...	...	...	1	...	...	2	90B
2	..	1	..	...	1	1	1	...	2	2	3	..	...	1	..	..	..	3	..	4	1	...	1	...	...	4	5	1	7	28	91
1	..	1	..	...	1	...	1	...	2	...	..	...	...	1	..	..	..	...	..	3	1	...	1	...	...	3	4	1	2	22	91A

TABLE 40—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
91B. Other acute or subacute endocarditis	17	..	...	1	...	2	1	..	..	...	...	...	...	..	..	...	1	..	...	1	...	..	...	...	...
91C. Endocarditis (not specified under 45 years)	19	..	...	...	...	...	1	..	..	...	...	3	1	..	..	...	...	..	...	...	...	..	...	...	1
92. Chronic affections of the valves and endocardium	1165	1	28	26	23	51	9	5	6	19	10	41	10	21	5	21	8	3	16	11	17	15	36	12	10
92A. Specified valvular diseases (rheumatic)	412	..	5	8	8	16	2	3	1	7	6	20	3	5	2	8	1	3	3	3	5	2	12	2	2
92B. Other specified valvular diseases (non-rheumatic)	540	1	17	7	13	24	5	2	3	11	3	14	7	11	2	10	3	..	9	6	7	9	16	1	7
92C. Unspecified valvular lesions and endocarditis	213	..	6	11	2	11	2	..	2	1	1	7	...	5	1	3	4	..	4	2	5	4	8	9	1
93. Diseases of the myocardium	6274	13	69	115	99	318	33	22	41	59	72	217	129	27	19	122	34	13	63	100	92	23	106	105	87
93A. Acute myocarditis	82	..	...	7	1	3	..	..	2	...	3	6	...	2	..	1	1	..	...	2	1	..	2	4	1
93B. Myocarditis (not specified under 45 years)	31	..	1	...	3	3	..	..	..	...	...	...	1	..	..	...	...	..	...	1	...	1	...	2	...
93C. Chronic myocarditis and myocardial degeneration (rheumatic)	229	..	...	5	6	18	2	1	1	5	1	2	2	1	..	3	...	..	3	2	7	..	3	5	3
93D. Chronic myocarditis (non-rheumatic)	4973	8	38	82	72	236	19	18	24	52	59	168	115	15	16	97	25	8	48	70	69	10	89	76	65
93E. Other myocarditis (not specified)	959	5	30	21	17	58	12	3	14	2	9	41	11	9	3	21	8	5	12	25	15	12	12	18	18
94. Diseases of the coronary arteries and angina pectoris	3717	14	42	65	21	194	33	14	12	28	64	168	70	4	14	48	18	1	19	62	50	20	72	78	42
94A. Diseases of the coronary arteries	3569	12	37	62	20	186	32	14	12	28	59	165	69	3	11	47	16	1	18	57	43	20	67	72	42
94B. Angina pectoris	148	2	5	3	1	8	1	..	..	...	5	3	1	1	3	1	2	..	1	5	7	..	5	6	...
95. Other diseases of the heart	416	..	2	9	15	18	4	2	3	2	4	13	3	6	3	3	1	..	6	18	6	2	11	4	7
95A. Functional diseases of the heart (no organic lesion)	43	..	...	...	1	3	..	..	2	...	1	3	1	..	..	...	...	..	...	6	1	1	1	...	1
95B. Other diseases of the heart (rheumatic)	102	..	...	2	1	1	1	..	..	...	1	2	1	..	..	...	...	..	1	...	1	..	4	2	...
95C. Other diseases of the heart (non-rheumatic)	271	..	2	7	13	14	3	2	1	2	2	8	1	6	3	3	1	..	5	12	4	1	6	2	6
96. Aneurysm (heart and aorta excepted)	21	..	...	1	...	...	..	..	..	...	...	1	...	..	..	1	...	..	...	...	1	..	1	...	...
97. Arteriosclerosis (coronary or renal sclerosis or cerebral haemorrhage excepted)	825	1	7	19	15	34	1	8	7	15	19	24	12	5	6	29	6	1	2	23	17	..	14	26	10
98. Gangrene	52	..	1	1	...	5	1	..	..	...	...	...	1	1	..	1	...	..	...	...	3	..	...	1	1
99. Other diseases of the arteries	57	..	...	1	2	2	..	..	..	...	...	...	1	..	3	1	...	..	...	...	1	..	...	3	...
100. Diseases of the veins	40	..	1	...	...	1	..	..	..	...	...	...	2	...	..	2	1	..	...	...	2	..	3	1	...
101. Diseases of the lymphatic system	4	..	...	...	...	...	..	..	..	...	...	...	...	..	..	1	...	..	...	...	...	..	1	...	...
102. High blood pressure (idiopathic)	43	..	1	1	...	5	1	..	..	...	1	...	...	..	..	...	...	..	...	...	1	..	5	1	...
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM																									
Total	2103	1	27	27	30	106	35	10	11	12	19	52	67	11	9	42	8	4	6	32	23	15	42	28	19
104. Diseases of the nasal fossae and accessory sinuses	23	..	...	...	...	2	..	..	..	...	1	...	1	..	..	...	...	..	...	...	...	..	...	...	...
105. Diseases of the larynx	11	..	...	...	...	2	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
106. Bronchitis	119	..	1	2	8	12	..	..	3	...	...	1	1	1	..	7	...	..	1	2	2	..	1	2	...
106A. Acute	48	..	1	...	2	6	..	..	1	...	...	...	1	...	..	2	...	..	...	2	...	..	...	...	...
106B. Chronic	52	..	...	...	3	4	..	..	2	...	...	1	...	1	..	2	...	..	1	...	2	..	1	2	...
106C. Unspecified	19	..	...	2	3	2	..	..	..	...	...	...	...	..	..	3	...	..	...	...	...	..	...	...	...
107. Broncho pneumonia	956	..	12	14	14	43	22	7	2	4	8	15	39	7	2	17	4	4	1	16	13	4	18	10	11
108. Lobar pneumonia	468	..	8	9	2	21	8	1	3	5	2	19	13	1	2	6	4	..	3	1	6	1	8	9	4
109. Pneumonia (unspecified)	252	1	4	...	2	10	3	..	1	2	4	6	6	2	5	7	...	..	...	6	...	6	9	4	4
110. Pleurisy	54	..	1	...	1	6	1	..	..	1	...	...	2	..	..	...	...	..	...	1	...	1	1	1	...
110A. Empyema	31	..	1	...	...	3	1	..	..	...	...	...	1	..	..	...	...	..	...	1	...	1	...	...	...
110B. Others under this title	23	..	...	...	1	3	..	..	..	1	...	...	1	..	..	...	...	..	...	...	...	..	1	1	...
111. Haemorrhagic infarction, congestion, oedema and thrombosis of the lungs	135	..	1	1	2	3	1	1	2	...	3	5	5	..	..	4	...	..	1	2	2	2	5	1	...
111A. Haemorrhagic infarction and thrombosis of the lungs	22	..	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1941—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
...	..	...	..	...	..	...	...	...	...	1	3	...	...	...	..	..	..	1	..	...	...	...	...	...	...	1	...	...	3	2	91B
1	..	...	..	...	..	1	...	...	...	1	..	...	...	...	..	..	..	2	..	1	...	...	...	...	...	...	1	...	2	4	91C
16	3	19	8	29	3	15	6	17	23	30	1	14	15	12	12	15	7	25	4	31	13	19	20	11	12	29	26	40	31	255	92
7	..	4	..	15	1	2	3	10	9	8	..	4	7	4	4	3	1	1	3	10	4	8	9	...	8	11	13	3	13	120	92A
6	3	8	8	11	1	10	2	5	14	12	1	10	7	7	4	3	4	14	1	17	6	7	10	8	4	15	7	30	18	99	92B
3	..	7	..	3	1	3	1	2	...	10	..	...	1	1	4	9	2	10	..	4	3	4	1	3	...	3	6	7	...	36	92C
118	31	114	22	261	48	49	76	80	92	102	46	42	123	111	31	42	2	98	29	145	38	58	97	39	45	147	118	118	401	1573	93
...	..	...	..	3	..	1	1	2	1	...	..	...	1	3	1	..	..	1	2	...	4	1	1	1	...	2	4	...	4	13	93A
...	..	...	..	1	1	1	...	...	...	...	..	...	...	...	..	1	..	1	..	2	...	2	...	1	...	1	2	...	3	3	93B
2	..	2	..	13	..	...	1	1	3	3	3	1	6	1	..	3	..	4	2	7	2	1	5	2	2	8	2	5	9	71	93C
105	28	85	22	214	46	36	54	66	76	70	35	34	103	96	20	25	..	65	20	115	17	42	76	26	37	112	92	84	329	1364	93D
11	3	27	..	30	1	11	20	11	12	29	8	7	13	11	10	13	2	27	5	21	15	12	15	9	6	24	18	29	56	122	93E
45	11	52	2	165	22	17	29	40	72	41	16	42	58	52	4	17	14	40	7	108	17	55	53	21	39	88	80	73	187	1097	94
44	9	48	2	156	20	14	28	39	72	36	15	40	56	50	3	14	14	36	5	106	12	53	53	20	32	87	78	70	184	1080	94A
1	2	4	..	9	2	3	1	1	...	5	1	2	2	2	1	3	..	4	2	2	5	1	...	1	7	1	2	3	3	17	94B
5	..	6	6	31	3	6	1	2	7	5	1	2	6	2	5	1	3	...	2	10	1	2	4	6	1	4	13	3	25	111	95
...	..	...	..	1	..	...	...	1	1	3	..	...	1	...	..	..	..	...	..	2	...	...	2	...	...	2	1	...	...	8	95A
...	..	2	..	5	..	1	...	...	...	...	..	1	1	...	..	..	..	...	..	2	...	...	...	1	...	1	2	...	15	54	95B
5	..	4	6	25	3	5	1	1	6	2	1	1	4	2	5	1	3	...	2	6	1	2	2	5	1	1	10	3	10	49	95C
...	..	...	..	1	..	...	...	...	1	...	..	...	1	...	..	..	..	...	..	...	1	...	...	1	1	...	1	...	2	7	96
17	4	17	4	40	8	2	13	13	26	13	2	5	6	17	5	8	4	10	3	38	5	3	4	6	10	22	22	22	47	128	97
2	1	...	..	4	1	1	...	...	1	...	..	...	4	1	1	..	..	2	..	...	...	...	...	...	...	1	1	...	2	14	98
2	..	...	..	3	..	...	1	...	2	1	..	...	1	1	1	..	..	...	..	4	...	1	...	2	1	3	2	...	4	14	99
...	..	...	..	1	1	...	...	...	2	...	..	...	...	1	..	..	..	...	..	2	...	...	1	...	...	...	...	3	4	12	100
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	2	101
...	..	...	..	3	1	...	2	...	...	...	..	...	...	...	..	..	..	...	1	1	...	1	1	1	1	...	1	3	1	10	102
30	5	33	5	85	18	24	11	23	58	31	19	9	28	31	20	6	9	38	10	61	30	44	44	18	26	35	42	27	125	522	
1	..	...	..	1	..	...	...	...	1	...	..	...	...	...	..	..	..	...	..	1	...	1	...	...	...	2	...	...	2	10	104
...	..	...	..	...	1	...	...	...	...	1	..	...	...	...	..	..	..	...	..	1	...	...	1	...	...	...	1	...	...	4	105
1	..	3	1	2	1	3	1	1	3	2	..	...	...	2	1	1	2	4	..	2	1	3	3	1	...	1	2	2	3	29	106
...	..	3	..	...	..	2	...	...	2	1	..	...	...	1	..	..	2	3	..	2	...	3	2	...	...	...	2	...	1	9	106A
1	..	...	1	1	1	...	...	...	1	1	..	...	...	1	..	1	..	1	..	...	1	...	1	1	...	1	...	2	2	16	106B
...	..	...	..	1	..	1	1	1	...	...	..	...	...	...	1	...	...	...	..	...	...	...	...	...	...	...	...	...	...	4	106C
20	1	17	2	56	6	11	3	7	29	10	6	6	15	13	14	1	3	14	3	28	21	20	12	8	10	12	19	6	61	235	107
4	1	9	2	13	6	3	4	8	8	10	5	1	4	4	..	2	..	9	3	16	3	10	14	1	5	9	14	4	35	125	108
...	1	1	..	9	3	6	2	2	6	5	7	2	6	3	4	1	4	3	..	9	1	4	9	6	8	5	2	12	11	38	109
...	..	...	..	1	..	1	...	...	3	...	..	...	...	2	..	..	..	...	2	...	1	2	1	...	1	1	1	...	3	19	110
...	..	...	..	1	..	1	...	...	...	...	..	...	...	...	..	..	..	...	..	...	1	2	1	...	...	...	...	...	1	16	110A
...	..	...	..	...	..	...	...	...	3	...	..	...	...	2	..	..	..	...	2	...	...	...	...	...	1	1	1	...	2	3	110B
3	2	2	..	...	..	...	...	4	5	2	1	...	2	5	1	..	..	6	..	3	2	3	4	...	2	3	2	3	3	36	111
...	..	1	..	...	..	...	...	...	2	1	..	...	1	...	..	..	..	2	..	...	1	...	1	...	...	1	...	1	...	8	111A

TABLE 40—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
111B. Others under this title..	113	..	...	1	2	3	1	1	2	...	3	5	5	..	..	3	...	..	1	2	2	1	5	1	...
112. Asthma	44	..	...	...	...	1	..	..	..	...	1	3	...	..	..	...	...	..	...	2	...	..	...	1	...
113. Pulmonary emphysema..	2	..	...	...	...	...	..	..	..	...	...	2	...	..	..	...	...	..	...	...	...	..	...	...	...
114. Other diseases of the respiratory system (tuberculosis excepted)	39	..	...	1	1	6	..	1	..	...	...	1	...	..	..	1	...	..	...	2	...	1	...	...	...
114A. Silicosis	5	..	...	...	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
114C. Gangrene of lung	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
114D. Others under this title..	33	..	...	1	1	5	..	1	..	...	...	1	...	..	..	1	...	..	...	2	...	1	...	...	...
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM																									
Total	1898	4	32	48	19	124	44	4	4	7	21	73	59	4	7	28	10	1	5	40	23	12	35	36	13
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils	100	..	1	1	1	2	3	1	..	...	1	4	3	..	2	2	1	..	1	...	1	2	5	...	1
115A. Diseases of the teeth and gums	11	..	...	...	...	...	1	..	..	...	...	...	...	..	1	...	...	..	1	...	...	..	2	...	1
115B. Septic sore throat	34	..	...	1	...	1	..	1	..	...	1	3	1	..	1	2	...	..	...	...	1	1	2	...	...
115C. Diseases of the pharynx and tonsils	50	..	1	...	1	1	2	..	..	...	...	1	2	..	..	...	1	..	...	...	...	1	1	...	...
115D. Others under this title..	5	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
116. Diseases of the oesophagus	11	..	...	...	...	2	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
117. Ulcer of the stomach or duodenum	307	1	2	4	...	15	4	..	1	1	5	13	4	..	2	6	1	..	...	7	2	3	4	8	3
117A. Stomach	158	1	...	3	...	8	3	..	1	...	5	7	1	..	2	2	...	..	...	1	2	2	4	5	2
117B. Duodenum	149	..	2	1	...	7	1	..	..	1	...	6	3	..	..	4	1	..	...	6	...	1	...	3	1
118. Other diseases of the stomach	34	..	3	...	...	2	1	..	..	...	1	1	...	..	1	1	...	..	...	1	1	..	1	1	...
119. Diarrhoea and enteritis (under 2 years of age)..	315	..	10	16	2	25	14	..	2	...	...	10	16	2	..	2	4	..	...	12	...	1	6	5	2
119A. Diarrhoea and enteritis.	314	..	10	16	2	25	14	..	2	...	...	10	16	2	..	2	4	..	...	12	...	1	6	5	2
119B. Ulceration of the intestines	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
120. Diarrhoea and enteritis (2 years of age and over)	96	..	2	2	2	7	..	..	..	...	...	1	4	..	..	...	2	..	2	1	...	..	1	6	1
120A. Diarrhoea and enteritis.	61	..	1	2	1	6	..	..	..	...	...	1	3	..	..	...	2	..	2	1	...	..	...	3	...
120B. Ulceration of the intestines	35	..	1	...	1	1	..	..	..	...	...	...	1	..	..	...	...	..	...	...	...	..	1	3	1
121. Appendicitis	247	..	7	7	4	19	7	1	..	2	5	12	8	..	..	2	...	1	...	4	2	..	5	4	...
122. Hernia, intestinal obstruction	334	2	3	8	6	19	3	2	1	3	5	14	11	..	..	6	1	..	...	5	13	3	4	6	3
122A. Hernia	159	2	...	7	3	9	1	..	..	3	2	8	5	..	..	4	1	..	...	3	3	..	2	2	2
122B. Intestinal obstruction...	175	..	3	1	3	10	2	2	1	...	3	6	6	..	..	2	...	..	...	2	10	3	2	4	1
123. Other diseases of the intestines	37	..	...	2	...	...	1	..	..	...	1	1	1	..	..	1	...	..	...	1	...	1	...	3	...
124. Cirrhosis of the liver	146	1	2	3	2	11	7	..	..	...	2	5	4	..	..	3	...	..	1	2	1	1	2	1	2
124A. With mention of alcoholism	12	..	...	...	...	...	4	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	1	...
124B. Without mention of alcoholism	134	1	2	3	2	11	3	..	..	...	2	5	4	..	..	3	...	..	1	2	1	1	2	...	2
125. Other diseases of the liver.	37	..	...	...	...	2	1	..	..	...	...	3	...	1	..	...	1	..	1	...	...	1	...	...	...
125A. Acute yellow atrophy...	13	..	...	...	...	...	1	..	..	...	...	1	...	..	..	...	1	..	...	...	...	..	...	...	...
125B. Others under this title..	24	..	...	...	...	2	..	..	..	...	...	2	...	1	..	...	...	..	1	...	...	1	...	...	...
126. Biliary calculi	104	..	...	4	2	10	1	..	..	1	...	4	4	..	1	2	...	..	...	2	1	..	4	2	...
127. Other diseases of the gall-bladder and bile ducts..	77	..	1	...	...	6	..	..	..	...	1	4	4	1	..	...	...	..	...	5	...	..	2	...	...
128. Diseases of the pancreas.	21	..	...	1	...	1	1	..	..	...	...	1	...	..	..	2	...	..	...	...	2	..	...	...	...
129. Peritonitis without stated cause	32	..	1	...	...	3	1	..	..	...	...	...	...	..	1	1	...	..	...	...	...	..	1	...	1
CLASS X.—DISEASES OF THE URINARY AND GENITAL SYSTEMS																									
Total	2596	10	28	52	28	185	27	7	15	11	40	155	73	10	23	36	18	3	13	58	43	4	46	47	32
130. Acute nephritis	48	..	1	...	...	5	2	..	..	...	...	...	1	..	..	...	...	..	...	3	1	..	2	...	...
131. Chronic nephritis	1830	8	21	38	21	134	22	4	12	8	29	123	57	8	15	23	17	3	13	40	23	2	35	42	24
132. Nephritis unspecified (over 10 years of age)..	129	..	2	2	2	6	1	1	1	...	5	5	3	1	4	...	...	..	...	4	6	..	3	1	4
133. Other diseases of the kidneys and ureters	102	..	...	2	...	7	..	..	..	1	1	4	1	..	1	2	1	..	...	...	4	1	1	2	2

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1941—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
3	2	1	..	...	..	...	...	4	3	1	1	...	1	5	1	..	..	4	..	3	1	3	3	...	2	2	2	2	3	28	111B
...	..	...	..	1	..	...	1	1	2	...	..	...	1	2	..	1	..	1	2	1	1	...	...	...	...	2	1	...	5	14	112
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	...	113
1	..	1	..	2	1	...	...	...	1	1	..	...	...	...	..	..	..	1	..	...	...	1	...	2	...	...	...	...	2	12	114
1	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	1	...	...	...	...	...	2	114A
...	..	...	..	...	..	...	...	...	...	1	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	...	114C
...	..	1	..	2	1	...	...	...	1	...	..	...	...	...	..	..	..	1	..	...	...	1	...	1	...	...	...	...	2	10	114D
20	2	32	6	76	6	36	9	11	22	28	20	7	17	26	23	8	8	26	6	53	38	37	45	25	17	50	51	27	108	405	
1	..	3	..	5	..	1	...	...	1	1	1	...	1	...	..	1	..	3	1	2	...	5	2	1	2	4	4	1	7	21	115
																															115A
...	..	...	..	...	..	...	...	...	1	...	..	...	...	...	..	..	..	2	..	...	...	...	...	...	...	...	...	...	2	...	115A
...	..	1	..	1	..	...	...	...	...	...	1	...	...	...	..	1	..	1	..	1	...	2	...	...	2	2	2	...	2	3	115B
1	..	2	..	3	..	1	...	...	...	1	..	...	1	...	..	..	..	...	..	1	...	2	2	1	...	2	2	1	2	17	115C
...	..	...	..	1	..	...	...	...	...	...	..	...	...	...	..	..	..	...	1	...	...	1	...	...	...	...	...	...	1	1	115D
...	..	...	..	...	..	...	...	...	...	...	..	...	...	1	..	..	..	...	..	1	...	...	...	..	1	...	...	1	1	4	116
6	..	4	1	13	..	2	1	4	2	4	4	2	2	1	1	2	1	1	1	12	2	3	4	3	6	8	6	4	19	102	117
4	..	2	1	8	..	1	1	3	...	1	3	2	2	1	1	..	..	1	..	8	1	3	3	2	4	3	3	3	5	43	117A
2	..	2	..	5	..	1	...	1	2	3	1	...	...	...	..	2	1	...	1	4	1	...	1	1	2	5	3	1	14	59	117B
...	..	...	..	2	..	...	...	2	...	2	..	...	2	2	2	..	..	1	..	1	...	...	...	...	...	1	...	...	...	5	118
1	..	3	1	3	1	17	1	1	1	4	8	...	1	3	8	1	4	3	3	8	14	12	21	10	2	4	14	...	15	22	119
1	..	3	1	3	1	17	1	1	1	4	8	...	1	2	8	1	4	3	3	8	14	12	21	10	2	4	14	...	15	22	119A
...	..	...	..	...	..	...	...	...	...	...	..	...	...	1	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	...	119B
1	..	2	1	4	1	5	...	1	4	...	2	...	1	1	1	..	..	5	..	4	2	...	1	1	...	4	3	...	5	16	120
1	..	2	1	2	1	5	...	1	4	...	2	...	...	1	1	..	..	3	..	3	2	...	1	1	...	1	2	...	3	2	120A
...	..	...	..	2	..	...	...	...	...	...	..	...	1	...	..	..	..	2	..	1	...	...	...	...	...	3	1	...	2	14	120B
5	..	5	1	9	..	4	...	1	1	5	2	...	3	5	2	..	1	8	..	8	5	9	7	4	2	12	6	5	8	39	121
1	..	6	..	13	4	7	3	2	6	3	3	...	4	8	3	2	1	2	..	6	11	4	6	2	4	6	7	9	19	74	122
1	..	3	..	3	2	2	1	1	2	2	1	...	2	4	..	1	1	...	..	3	3	2	2	2	1	3	3	5	13	39	122A
...	..	3	..	10	2	5	2	1	4	1	2	...	2	4	3	1	..	2	..	3	8	2	4	...	3	3	4	4	6	35	122B
1	..	1	..	3	..	...	...	...	...	1	2	...	...	...	...	...	...	...	..	...	...	...	...	1	...	...	1	...	2	13	123
2	..	3	1	8	..	...	1	...	2	1	..	2	2	1	4	..	..	1	..	2	...	1	3	1	...	6	3	2	12	38	124
...	..	...	..	1	..	...	...	...	...	...	..	...	...	...	...	...	...	...	..	...	...	...	1	...	...	...	...	...	1	4	124A
2	..	3	1	7	..	...	1	...	2	1	..	2	2	1	4	..	..	1	..	2	...	1	2	1	...	6	3	2	11	34	124B
1	1	1	..	1	..	...	1	...	...	1	..	...	...	...	1	..	..	...	..	2	...	1	...	...	...	...	...	1	3	13	125
...	1	...	..	1	..	...	...	...	...	...	..	...	...	...	1	..	..	...	..	2	...	...	...	...	...	...	...	...	...	5	125A
1	..	1	..	...	..	...	1	...	...	1	..	...	...	...	..	..	..	...	..	...	...	1	...	...	...	...	...	1	3	8	125B
1	..	1	..	7	..	...	1	...	2	2	..	...	...	3	..	..	..	2	..	3	4	2	...	1	...	3	5	2	8	19	126
...	1	2	1	6	..	...	1	...	...	3	..	2	1	1	..	2	1	...	1	2	...	...	1	1	...	1	2	1	7	16	127
...	..	...	..	1	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	1	...	...	...	11	128
...	..	1	..	1	..	...	...	...	2	...	..	1	...	...	1	..	..	...	..	2	...	...	...	...	...	...	...	1	2	12	129
40	9	30	9	147	5	25	27	14	23	39	13	14	36	59	32	21	11	43	21	80	54	33	39	17	22	83	54	64	132	436	
...	..	...	..	2	..	1	2	...	...	...	..	...	2	1	1	2	..	2	..	...	1	1	1	3	2	...	2	1	3	6	130
34	7	22	7	111	5	21	17	12	16	31	12	7	24	39	25	15	8	35	20	60	40	27	26	4	14	58	45	49	71	246	131
2	1	...	..	8	..	2	3	...	3	3	..	...	3	1	2	..	3	3	..	1	2	1	1	4	2	7	2	4	4	16	132
...	..	1	..	6	..	...	2	...	...	...	..	1	...	1	2	..	..	...	..	4	...	...	2	1	2	2	...	1	12	35	133

TABLE 40—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
134. Calculi of the urinary passages	57	..	...	...	...	6	1	..	..	...	1	9	2	..	..	1	...	...	..	1	2	..	...	...	...
135. Diseases of the urinary bladder	26	..	...	...	...	...	..	1	..	...	...	1	...	..	2	...	...	...	..	2	...	1	...	...	...
136. Diseases of the urethra, urinary Abscess, etc.	14	..	...	...	...	2	1	..	..	...	...	...	1	..	..	...	...	...	..	...	...	..	...	...	...
136A. Stricture of the urethra	10	..	...	...	...	2	1	..	..	...	...	...	1	..	..	...	...	...	..	...	...	..	...	...	...
136B. Others under this title	4	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	...	..	...	...	..	...	...	...
137. Deseases of the prostate	340	1	3	9	5	23	..	1	2	2	3	12	6	1	1	10	...	...	..	7	5	..	3	2	1
138. Diseases of the male genital organs (non-venereal)	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	...	..	...	...	..	...	...	...
139. Diseases of the female genital organs (non-venereal)	49	1	1	1	...	2	..	..	..	...	1	1	2	..	..	...	...	...	..	1	2	..	2	...	1
139A. Ovaries, Fallopian tubes and parametria	22	..	...	...	...	2	..	..	..	...	1	...	2	..	..	...	...	...	..	1	1	..	2	...	1
139B. Uterus	25	1	...	1	...	...	..	..	..	...	...	1	...	..	..	...	...	...	..	...	1	..	...	...	...
139C. Others under this title	2	..	1	...	...	...	..	..	..	...	...	...	...	..	..	...	...	...	..	...	...	..	...	...	...
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE																									
Total	219	..	7	2	6	13	10	2	..	...	4	12	4	..	..	3	2	1.	..	5	2	3	4	1	2
140. Abortion with mention of infection	33	..	1	...	...	1	2	..	..	...	...	3	...	..	..	2	...	...	..	...	...	1	...	...	...
140A. Spontaneous, therapeutic or unspecified	11	..	...	...	...	1	1	..	..	...	...	1	...	..	..	1	...	...	..	...	...	..	...	...	...
140B. Self-induced	16	..	1	...	...	...	1	..	..	...	...	1	...	..	..	1	...	...	..	...	...	..	...	...	...
140C. Non therapeutic	6	..	...	...	...	...	..	..	..	...	...	1	...	..	..	...	...	...	..	...	...	1	...	...	...
141. Abortion without mention of infection	8	..	...	...	...	1	2	..	..	...	...	...	...	..	..	...	...	...	..	...	...	..	...	...	1
141A. Spontaneous, therapeutic or unspecified	6	..	...	...	...	1	2	..	..	...	...	...	...	..	..	...	...	...	..	...	...	..	...	...	1
141B. Self-induced	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	...	..	...	...	..	...	...	...
141C. Non-therapeutic	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	...	..	...	...	..	...	...	...
142. Ectopic gestation	9	..	...	...	...	...	1	..	..	...	...	...	...	..	..	...	...	1.	..	2	...	1	...	...	...
142B. Without mention of infection	9	..	...	...	...	...	1	..	..	...	...	...	...	..	..	...	...	1.	..	2	...	1	...	...	...
143. Haemorrhage of pregnancy—death prior to delivery	2	..	1	...	...	...	..	..	..	...	...	...	...	..	..	...	...	...	..	...	...	..	...	...	...
143C. Others under this title	2	..	1	...	...	...	..	..	..	...	...	...	...	..	..	...	...	...	..	...	...	..	...	...	...
144. Toxaemias of pregnancy—death prior to delivery	21	..	...	1	1	...	..	..	..	...	...	...	1	..	..	...	...	...	..	...	...	..	...	...	...
145. Other diseases and accidents of pregnancy—death prior to delivery	7	..	...	1	1	...	..	..	..	...	...	...	...	..	..	...	...	...	..	...	1	..	...	...	...
146. Haemorrhage of childbirth and the puerperium	25	..	3	...	...	1	1	1	..	...	...	3	1	..	..	...	...	...	..	1	...	..	...	...	...
146A. Placenta praevia	8	..	1	...	...	1	1	..	..	...	...	...	...	..	..	...	...	...	..	...	...	..	...	...	...
146B. Premature separation of placenta	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	...	..	...	...	..	...	...	...
146C. Others under this title	16	..	2	...	...	...	..	1	..	...	...	3	1	..	..	...	...	...	..	1	...	..	...	...	...
147. Infection during childbirth and the puerperium	52	..	2	...	1	5	1	1	..	...	3	3	1	..	..	1	1	...	..	1	1	1	...	1	...
148. Puerperal toxaemia.—following delivery	33	..	...	...	2	4	..	..	..	...	1	...	1	..	..	...	...	...	..	...	...	..	2	...	1
148A. Puerperal eclampsia	21	..	...	...	1	2	..	..	..	...	...	...	1	..	..	...	...	...	..	...	...	..	1	...	1
148B. Puerperal albuminuria and nephritis	7	..	...	...	1	1	..	..	..	...	...	...	...	..	..	...	...	...	..	...	...	..	...	...	...
148C. Acute yellow atrophy of liver	4	..	...	...	...	...	..	..	..	...	1	...	...	..	..	...	...	...	..	...	...	..	1	...	...
148D. Others under this title	1	..	...	...	...	1	..	..	..	...	...	...	...	..	..	...	...	...	..	...	...	..	...	...	...
149. Other accidents of childbirth	20	..	...	...	1	1	2	..	..	...	...	2	...	..	..	...	1	...	..	...	...	..	1	...	...
149A. Laceration, rupture or other trauma of pelvic organs and tissues	8	..	...	...	1	1	..	..	..	...	...	1	...	..	..	...	1	...	..	...	...	..	...	...	...
149B. Other conditions of childbirth	12	..	...	...	...	...	2	..	..	...	...	1	...	..	..	...	...	...	..	...	...	..	1	...	...
150. Other and unspecified conditions of childbirth and the puerperal state	9	..	...	...	...	...	1	..	..	...	...	1	...	..	..	...	...	...	..	1	...	..	1	...	...
150C. Others under this title	9	..	...	...	...	...	1	..	..	...	...	1	...	..	..	...	...	...	..	1	...	..	1	...	...

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1941—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
1	1	...	..	1	..	...	...	...	...	...	..	...	...	1	..	...	..	1	1	1	...	...	1	...	...	4	...	...	4	18	134
...	..	...	..	1	..	...	2	1	...	...	..	...	...	2	..	...	..	...	..	1	...	...	1	...	...	1	1	1	...	8	135
...	..	...	..	...	..	...	...	...	...	...	..	...	...	1	..	...	..	...	..	...	...	...	1	...	...	...	...	...	1	7	136
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	...	..	...	..	...	...	...	1	...	...	...	...	...	1	4	136A
...	..	...	..	...	..	...	...	...	...	...	..	...	...	1	..	...	..	...	..	...	...	...	...	...	...	...	...	...	...	3	136B
3	..	5	2	14	..	...	...	...	3	5	1	5	7	13	..	4	..	2	..	12	10	4	6	5	2	11	3	8	31	87	137
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	...	1	138
...	..	2	..	4	..	1	1	1	1	...	..	1	...	...	2	...	..	...	..	1	1	...	...	...	...	...	1	...	6	12	139
...	..	1	..	...	..	1	1	1	...	...	..	...	...	...	2	...	..	...	..	...	...	...	...	...	...	...	1	...	2	3	139A
...	..	1	..	4	..	...	...	...	1	...	..	1	...	...	..	...	..	...	..	1	1	...	...	...	...	...	...	...	4	8	139B
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	...	1	139C
1	..	3	..	6	3	2	3	...	3	6	3	1	1	6	3	...	..	1	1	5	5	4	3	3	2	4	8	5	13	41	
...	..	...	..	1	..	1	...	...	...	...	..	...	...	2	..	...	..	...	..	1	1	...	1	...	...	...	1	1	2	12	140
...	..	...	..	...	..	1	...	...	...	...	..	...	...	2	..	...	..	...	..	...	1	...	...	...	...	...	...	...	...	3	140A
...	..	...	..	1	..	...	...	...	...	...	..	...	...	...	..	...	..	...	..	...	...	...	1	...	...	...	1	...	1	8	140B
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	...	..	...	..	1	...	...	...	...	...	...	...	1	1	1	140C
...	..	...	..	...	..	...	...	...	...	1	..	...	...	...	..	...	..	...	..	...	1	...	...	...	...	...	...	...	...	2	141
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	...	..	...	..	...	1	...	...	...	...	...	...	...	...	1	141A
...	..	...	..	...	..	...	...	...	...	1	..	...	...	...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	...	...	141B
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	...	1	141C
...	..	...	..	1	1	...	...	...	...	...	..	...	...	...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	1	1	142
...	..	...	..	1	1	...	...	...	...	...	..	...	...	...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	1	1	142B
...	..	...	..	...	..	...	...	...	1	...	..	...	...	...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	...	...	143
...	..	...	..	...	..	...	...	...	1	...	..	...	...	...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	...	...	143C
1	..	...	..	1	..	1	...	...	...	1	..	...	1	1	1	...	..	1	..	1	1	1	...	...	...	...	...	2	3	2	144
...	..	...	..	...	..	...	1	...	...	...	..	...	...	...	..	...	..	...	..	...	...	...	...	1	1	...	1	...	...	...	145
...	..	1	..	1	1	...	...	...	...	...	1	1	..	...	..	...	..	...	..	1	...	2	...	1	...	...	...	...	1	4	146
...	..	1	..	...	1	...	...	...	...	...	..	...	...	...	..	...	..	...	..	1	...	...	...	...	...	...	...	...	...	2	146A
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	...	..	...	..	...	...	1	...	...	...	...	...	...	...	...	146B
...	..	...	..	1	..	...	...	...	...	...	1	1	...	...	..	...	..	...	..	...	...	1	...	1	...	...	...	...	1	2	146C
...	..	1	..	1	1	...	1	...	1	2	1	...	...	1	1	...	..	...	1	1	2	1	1	...	1	2	1	...	1	8	147
...	..	1	..	1	..	...	...	...	...	1	1	...	...	1	1	...	..	...	..	...	...	...	1	1	...	1	2	2	1	8	148
...	..	1	..	1	..	...	...	...	...	1	1	...	...	1	1	...	..	...	..	...	...	...	1	...	...	...	1	1	1	5	148A
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	...	..	...	..	...	...	...	...	1	...	1	1	...	...	2	148B
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	...	..	...	..	...	...	...	...	...	...	...	...	1	...	1	148C
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	...	...	148D
...	..	...	..	...	..	...	...	...	1	1	..	...	...	...	..	...	..	...	..	1	...	...	...	...	...	1	3	...	3	2	149
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	...	..	...	..	...	...	...	...	...	...	...	2	...	...	2	149A
...	..	...	..	...	..	...	...	...	1	1	..	...	...	...	..	...	..	...	..	1	...	...	...	...	...	1	1	...	3	...	149B
...	..	...	..	...	..	...	1	...	...	...	..	...	...	1	..	...	..	...	..	...	...	...	...	...	...	...	...	...	1	2	150
...	..	...	..	...	..	...	1	...	...	...	..	...	...	1	..	...	..	...	..	...	...	...	...	...	...	...	...	...	1	2	150C

TABLE 40—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora incl. Patricia	Kent	Lambton	Lanark
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUES																									
Total	31	..	...	...	...	2	..	..	..	...	1	...	1	..	..	...	...	..	...	...	...	..	1	1	...
151. Carbuncle and furuncle	7	..	...	...	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	1	1	...
152. Phlegmon and acute abscesses	9	..	...	...	...	...	..	..	..	...	1	...	1	..	..	...	...	..	...	...	...	..	...	...	...
153. Other diseases of the skin and cellular tissue	15	..	...	...	...	1	..	..	..	...	..	..	...	..	..	...	...	..	...	...	...	..	...	...	...
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF MOVEMENT																									
Total	50	..	...	...	...	4	..	..	1	...	...	1	2	..	..	...	...	..	...	1	1	..	1	...	...
154. Osteomyelitis and periostitis	25	..	...	...	...	3	..	..	..	...	...	...	1	..	..	...	...	..	...	1	1	..	1	...	...
155. Other diseases of the bones (tuberculosis excepted)	9	..	...	...	...	...	..	..	1	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
156. Diseases of the joints and other organs of movement	16	..	...	...	...	1	..	..	..	...	...	1	1	..	..	...	...	..	...	...	...	..	...	...	...
156A. Diseases of the joints (tuberculosis and rheumatism excepted)	10	..	...	...	...	1	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...	...
156B. Others under this title	6	..	...	...	...	...	..	..	..	...	...	...	1	..	..	...	...	..	...	...	...	..	...	...	...
CLASS XIV.—CONGENITAL MALFORMATIONS																									
Total	601	4	6	8	7	51	10	1	..	4	7	22	9	5	2	7	4	..	6	15	7	4	13	5	5
157. Congenital malformations	601	4	6	8	7	51	10	1	..	4	7	22	9	5	2	7	4	..	6	15	7	4	13	5	5
157A. Congenital hydrocephalus	108	1	2	4	1	13	2	..	..	...	...	3	2	..	..	2	1	..	...	2	1	..	3	1	1
157B. Spina bifida and meningocele	135	3	3	1	...	14	3	1	..	1	4	3	3	2	1	3	1	..	...	5	...	2	1	...	3
157C. Anencephalus	13	..	...	1	...	1	..	..	..	...	...	...	1	..	..	...	...	..	1	...	1	..	...	...	1
157D. Congenital malformations of the heart	184	..	1	2	4	9	2	..	..	3	...	8	1	2	1	1	1	..	4	7	1	2	4	2	...
157E. Others under this title	161	..	...	...	2	14	3	..	..	...	3	8	2	1	..	1	1	..	1	1	4	..	5	2	...
CLASS XV.—DISEASES PECULIAR TO THE FIRST YEAR OF LIFE																									
Total	1552	3	29	24	11	108	61	2	9	7	21	61	18	7	4	24	4	5	3	36	13	11	25	21	10
158. Congenital debility	105	..	...	...	1	8	5	..	3	1	1	...	...	2	1	1	3	1	...	1	1	2	3	3	...
159. Premature birth	860	2	15	16	6	54	34	1	5	3	11	30	10	4	1	12	...	2	2	24	8	5	8	7	8
160. Injury at birth	372	..	10	8	4	31	13	1	..	3	8	23	5	1	..	6	1	..	1	7	4	4	9	8	2
160A. Intracranial or spinal haemorrhage	183	..	7	6	3	17	5	1	..	2	2	14	2	1	..	2	1	..	1	4	...	2	5	5	2
160B. Other intracranial or spinal injuries	17	..	...	...	...	2	1	..	..	1	...	1	...	..	..	...	...	..	...	...	...	1	...	...	...
160C. Others under this title	172	..	3	2	1	12	7	..	..	...	6	8	3	..	..	4	...	..	...	3	4	1	4	3	...
161. Other diseases peculiar to the first year of life	215	1	4	...	...	15	9	..	1	...	1	8	3	..	2	5	...	2	...	4	...	..	5	3	...
161A. Asphyxia unspecified), atelectasis	100	..	2	...	...	7	6	..	..	...	...	1	1	..	1	3	...	2	...	2	...	..	3	1	...
161B. Infection of the umbilicus, pemphigus and other infections	16	..	...	...	...	3	1	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...	...
161C. Other specified diseases peculiar to the first year of life	99	1	2	...	...	5	2	..	1	...	1	6	2	..	1	2	...	..	...	2	...	..	2	2	...

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1941—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
2	..	1	..	2	..	1	...	...	1	...	..	...	...	1	..	..	..	...	1	2	...	1	1	...	...	2	...	1	...	9	
...	..	...	..	1	..	1	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	1	...	...	...	1	151
...	..	...	..	...	..	...	...	...	1	...	..	...	...	1	..	..	..	...	..	2	...	...	...	...	...	...	...	...	...	3	152
2	..	1	..	1	..	...	...	...	...	...	..	...	...	...	..	..	..	...	1	...	...	1	1	...	...	1	...	1	...	5	153
...	..	...	..	2	..	1	1	...	4	1	1	...	...	2	..	..	..	...	..	1	1	1	2	1	2	1	1	1	4	12	
...	..	...	..	2	..	1	...	...	1	1	..	...	...	1	..	..	..	...	..	...	...	1	1	1	1	1	1	1	1	4	154
...	..	...	..	...	..	...	...	...	2	...	..	...	...	...	..	..	..	...	..	1	...	...	...	...	1	...	...	...	3	1	155
...	..	...	..	...	..	...	1	...	1	...	1	...	...	1	..	..	..	...	..	...	1	...	1	...	...	...	...	...	...	7	156
...	..	...	..	...	..	...	...	...	...	...	..	...	...	1	..	..	..	...	..	...	1	...	1	...	...	...	...	...	...	5	156A
...	..	...	..	...	..	...	1	...	1	...	1	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	2	156B
2	1	6	1	25	5	13	10	7	10	9	3	2	10	4	9	2	1	14	1	17	9	16	6	8	5	19	15	9	34	126	
2	1	6	1	25	5	13	10	7	10	9	3	2	10	4	9	2	1	14	1	17	9	16	6	8	5	19	15	9	34	126	157
1	..	...	..	4	..	2	2	1	1	1	1	...	1	2	4	1	1	1	..	3	1	2	2	3	1	4	3	1	3	23	157A
1	..	2	..	1	3	2	2	1	4	2	1	1	1	1	1	...	...	6	..	2	4	3	2	1	1	2	3	2	8	24	157B
...	..	...	..	...	..	...	...	...	...	...	..	...	...	1	..	...	...	...	1	...	...	2	...	...	...	2	...	...	...	1	157C
...	1	4	..	7	2	5	2	4	2	3	..	1	7	...	2	1	..	3	..	8	...	4	1	2	3	8	7	2	9	41	157D
...	..	...	1	13	..	4	4	1	3	3	1	...	1	...	2	..	..	4	..	4	4	5	1	2	...	3	2	4	14	37	157E
17	6	20	7	37	8	36	15	10	17	26	21	4	19	29	30	12	9	35	18	46	26	69	53	41	9	33	38	30	69	245	
...	1	...	3	2	2	5	1	...	1	2	3	...	1	3	2	4	..	2	4	4	2	2	5	4	1	1	2	1	3	7	158
11	2	11	3	15	5	20	7	8	9	17	13	4	12	13	18	7	6	19	7	27	14	42	34	23	5	13	18	18	41	150	159
5	..	6	1	15	..	8	6	2	4	4	4	...	4	10	7	..	1	8	3	14	6	12	7	7	1	10	10	10	17	41	160
1	..	4	..	8	..	1	1	...	1	3	4	...	3	7	..	..	1	5	..	10	3	4	3	2	...	1	5	3	9	22	160A
...	..	...	..	1	..	1	...	...	1	...	..	...	...	...	..	..	..	...	2	...	1	...	...	2	...	1	...	...	...	2	160B
4	..	2	1	6	..	6	5	2	2	1	..	...	1	3	7	..	..	3	1	4	2	8	4	3	1	8	5	7	8	17	160C
1	3	3	..	5	1	3	1	...	3	3	1	...	2	3	3	1	2	6	4	1	4	13	7	7	2	9	8	1	8	47	161
1	3	1	..	2	..	3	...	...	1	1	1	...	1	2	..	..	1	4	2	1	1	8	1	2	...	7	5	1	3	19	161A
...	..	...	..	2	..	...	...	...	...	...	..	...	...	...	1	..	..	...	..	...	...	...	...	1	...	1	...	...	2	4	161B
...	..	2	..	1	1	...	1	...	2	2	..	...	1	1	2	1	1	2	2	...	3	5	6	4	2	1	3	...	3	24	161C

TABLE 40—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
CLASS XVI.—SENILITY																									
Total	375	..	4	8	6	19	3	11	6	6	8	8	3	3	..	8	9	..	...	12	11	5	8	7	4
162. Senility	375	..	4	8	6	19	3	11	6	6	8	8	3	3	..	8	9	..	...	12	11	5	8	7	4
162A. With dementia	33	..	...	3	1	1	..	2	..	1	...	1	...	...	..	1	2	..	...	...	2	..	...	1	1
162B. Without dementia	342	..	4	5	5	18	3	9	6	5	8	7	3	3	..	7	7	..	...	12	9	5	8	6	3
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS																									
Total	3305	..	55	49	30	145	61	9	15	27	74	126	58	8	14	57	30	5	25	73	41	52	83	43	23
163–164. Suicides	319	..	7	2	5	11	6	3	2	1	5	11	5	1	3	5	2	..	3	3	4	4	6	2	...
163. Suicide by poisoning	79	..	2	1	1	2	1	..	..	...	...	4	2	..	..	1	...	..	1	1	...	1	2	1	...
163A. By corrosive substances, solid and liquid poisonings	51	..	2	1	1	1	1	..	..	...	...	2	2	..	..	...	...	..	...	1	...	1	1	1	...
163B. By poisonous gas	28	..	...	...	...	1	..	..	..	...	...	2	...	..	..	1	...	..	1	...	...	..	1	...	...
164. Suicide by other means	240	..	5	1	4	9	5	3	2	1	5	7	3	1	3	4	2	..	2	2	4	3	4	1	...
164A. By hanging or strangulation	74	..	...	...	1	1	2	2	1	...	1	3	2	1	1	1	...	..	...	...	1	..	1	1	...
164B. By drowning	45	..	...	...	2	4	1	..	..	...	1	1	...	..	..	...	1	..	...	1	1	..	1	...	...
164C. By firearms or explosives	65	..	2	1	1	3	1	1	1	1	2	1	1	..	1	1	1	..	1	1	2	3	1	...	...
164D. By cutting or piercing instruments	20	..	2	...	...	...	1	..	..	...	...	...	...	..	..	2	...	..	...	...	...	..	...	...	...
164E. By jumping from high places	24	..	1	...	...	1	..	..	..	...	1	1	...	..	..	...	...	..	1	...	...	..	...	...	...
164F. By crushing	8	..	...	...	...	...	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	1	...	...
164G. By other or unspecified means	4	..	...	...	...	...	..	..	..	...	...	...	...	..	1	...	...	..	...	...	...	..	...	...	...
166–168. Homicides	41	..	...	...	...	2	1	..	..	1	...	2	...	..	..	1	...	..	...	...	...	..	...	...	...
166. Homicide by firearms	15	..	...	...	...	...	..	..	..	...	1	...	1	..	..	...	...	..	...	...	...	..	...	...	
167. Homicide by cutting or piercing instruments	4	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
168. Homicide by other or unspecified means	22	..	...	...	...	2	1	..	..	...	...	1	...	..	..	1	...	..	...	...	...	..	...	...	...
169–195. Accidental deaths	2943	..	48	47	25	132	54	6	13	25	69	113	53	7	11	51	28	5	22	70	37	48	77	40	23
169. Railway accidents (excluding motor vehicles)	109	..	4	1	...	4	2	..	2	3	...	3	2	..	..	...	1	..	3	3	...	4	8	...	2
170. Motor vehicle accidents	835	..	6	9	5	36	10	1	1	9	19	46	11	3	3	9	7	2	7	26	9	4	31	13	2
170A. Collisions with trains	48	..	...	...	...	...	..	..	1	...	4	3	...	..	..	...	4	..	2	4	...	..	6	...	1
170B. Collisions with street-cars	6	..	...	...	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
170C. Automobile accidents (excluding trains or street-cars)	775	..	6	9	5	35	10	1	..	9	15	43	11	3	3	9	3	2	5	22	9	4	25	13	1
170D. Motorcycle accidents (excluding automobiles)	6	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
171. Street-car and other road transport accidents	44	..	8	1	...	3	..	1	1	...	...	1	...	..	..	...	...	..	...	1	...	..	...	2	...
171A. Street-car accidents (excluding trains and motor vehicles)	19	..	...	...	...	3	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
171B. Others under this title	25	..	8	1	...	...	..	1	1	...	...	1	...	..	..	...	...	..	...	1	...	..	...	2	...
172. Water transport accidents	93	..	1	...	2	4	2	..	1	...	1	4	5	..	2	...	...	1	1	1	...	12	...	...	...
173. Air transport accidents	149	..	1	4	...	13	2	..	2	...	24	2	2	..	..	2	12	..	...	10	...	2	...	...	...
174. Accidents in mines and quarries	55	..	...	...	...	...	14	..	..	...	...	...	...	..	..	...	...	..	...	...	...	6	...	...	...
175. Agricultural and forestry accidents	93	..	4	...	1	2	2	1	..	1	2	7	1	..	1	4	1	..	...	3	3	1	2	2	1
175A. Accidents involving agricultural machinery and vehicles	34	..	1	...	1	...	1	..	..	...	1	2	1	..	1	1	...	..	...	2	1	..	2	1	1
175B. Injury by animals, in agriculture	16	..	1	...	...	...	...	..	..	...	...	3	...	..	..	1	...	..	...	1	1	..	...	1	...
175C. Other agricultural accidents	24	..	...	...	...	2	1	1	..	1	1	2	...	..	..	2	1	..	...	...	1	..	...	...	...
175D. Accidents involving forestry machinery and vehicles	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
175E. Other forestry accidents	18	..	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1941—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
9	2	13	1	5	1	3	8	7	6	18	8	...	13	8	1	2	3	4	..	19	4	2	1	1	3	7	10	6	15	46	
9	2	13	1	5	1	3	8	7	6	18	8	...	13	8	1	2	3	4	..	19	4	2	1	1	3	7	10	6	15	46	162
1	..	2	..	..	1	...	...	...	2	...	..	...	1	...	...	...	...	...	..	1	1	...	...	...	...	...	1	...	2	5	162A
8	2	11	1	5	..	3	8	7	4	18	8	...	12	8	1	2	3	4	..	18	3	2	1	1	3	7	9	6	13	41	162B
31	12	64	12	93	28	36	41	38	49	53	37	34	43	28	19	15	17	47	8	105	40	89	107	64	32	71	98	58	189	644	
4	2	6	1	9	3	2	6	3	6	5	1	3	6	2	1	2	1	3	2	6	6	8	9	7	3	9	7	7	22	76	163–164
1	..	...	..	...	..	...	...	...	2	2	..	2	1	2	..	1	..	...	..	...	2	5	...	3	...	2	...	2	8	26	163
1	..	...	..	...	..	...	...	...	2	2	..	1	1	1	..	1	..	...	..	...	2	2	...	3	...	1	...	2	6	12	163A
...	...	...	..	...	..	...	...	...	...	...	..	1	...	1	..	..	..	...	..	...	...	3	...	...	...	1	...	...	2	14	163B
3	2	6	1	9	3	2	6	3	4	3	1	1	5	...	1	1	1	3	2	6	4	3	9	4	3	7	7	5	14	50	164
...	...	...	..	5	..	2	2	...	...	3	..	...	3	...	..	1	..	...	1	2	1	...	4	...	...	4	2	2	5	18	164A
1	..	3	..	...	2	...	1	2	...	...	..	...	1	...	1	..	..	...	1	2	1	...	2	1	1	1	3	1	2	6	164B
...	1	2	1	2	1	...	2	1	2	...	1	1	1	...	..	..	1	2	..	...	1	1	2	3	1	1	2	1	3	6	164C
...	..	...	..	1	..	...	...	...	2	...	..	...	...	...	..	..	..	...	..	1	...	1	1	...	1	1	...	...	2	5	164D
1	..	1	..	...	..	...	1	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	1	1	14	164E
1	1	...	..	1	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	1	...	1	...	...	...	...	...	...	...	1	164F
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	1	..	...	1	...	...	...	...	...	...	...	1	....	164G
...	..	1	..	2	..	...	2	...	...	...	..	...	...	...	2	..	4	...	..	1	...	...	4	...	...	1	1	...	1	15	166–168
...	..	...	..	2	..	...	2	...	...	...	..	...	...	...	..	..	3	...	..	1	...	...	3	...	...	...	...	...	...	2	166
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	1	...	..	...	...	...	...	...	...	...	...	...	1	2	167
...	..	1	..	...	..	...	...	...	...	...	..	...	...	...	2	..	..	...	..	...	...	...	1	...	...	1	1	...	...	11	168
27	10	57	11	82	25	34	33	35	43	48	36	30	37	26	16	13	12	44	6	98	34	81	94	57	29	61	90	51	166	553	169–195
...	1	1	..	...	1	3	...	3	3	1	1	1	...	3	...	...	1	6	..	2	2	8	10	2	...	...	1	...	2	15	169
6	4	28	2	28	8	9	10	16	17	16	7	11	12	4	7	..	2	7	1	23	11	18	15	11	7	20	34	13	54	165	170
2	1	...	..	1	3	...	...	...	1	2	..	...	...	...	...	..	1	...	..	2	...	1	1	...	...	...	4	...	1	3	170A
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	...	..	..	...	..	...	...	...	...	...	...	...	...	...	...	5	170B
4	3	28	2	27	5	9	9	16	16	13	7	11	12	4	7	..	1	7	1	20	11	17	14	11	7	20	30	13	53	154	170C
...	..	...	..	...	..	...	1	...	...	1	..	...	...	...	...	..	..	...	..	1	...	...	...	...	...	...	...	...	...	3	170D
...	..	...	..	1	..	...	...	...	...	1	..	...	...	1	...	..	..	1	..	...	...	...	...	...	...	...	2	...	2	18	171
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	...	..	..	...	..	...	...	...	...	...	...	...	...	...	1	15	171A
...	..	...	..	1	..	...	...	...	...	1	..	...	...	1	...	..	..	1	..	...	...	...	...	...	...	...	2	...	1	3	171B
2	..	2	2	...	2	3	3	1	2	...	5	...	...	...	..	1	3	3	..	5	...	3	2	2	2	...	3	3	2	5	172
3	1	2	..	4	..	2	...	1	...	2	..	6	...	...	..	3	..	2	1	16	...	...	14	...	...	1	2	2	2	9	173
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	1	..	1	...	..	...	...	11	9	12	...	...	...	...	1	....	174
1	..	2	..	...	5	3	1	...	1	2	2	...	2	1	..	1	..	4	1	5	1	1	4	2	...	2	1	4	3	5	175
1	..	2	..	...	..	...	1	...	...	1	..	...	...	...	..	..	..	2	1	3	1	...	...	...	...	...	1	2	1	2	175A
...	..	...	..	...	..	...	...	...	...	1	..	...	1	...	..	..	..	...	..	1	...	...	...	...	...	1	...	1	1	2	175B
...	..	...	..	...	2	...	...	...	1	...	..	...	1	1	..	1	..	1	..	1	...	...	...	...	...	1	...	1	1	1	175C
...	..	...	..	...	1	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	....	175D
...	..	...	..	...	2	3	...	...	...	...	2	...	...	...	..	..	..	1	..	...	...	1	4	2	...	...	...	...	...	....	175E

TABLE 40—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patrica	Kent	Lambton	Lanark
176. Other accidents involving machinery	42	..	6	...	...	2	2	..	1	1	...	2	1	..	..	...	...	..	...	...	...	..	...	1	...
177. Food poisoning	8	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
178. Accidental absorption of poisonous gas	46	..	...	1	...	...	..	..	..	...	...	1	1	..	..	...	...	..	...	...	1	..	...	...	1
178A. Coal and illuminating gas	9	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
178B. Motor vehicle exhaust gas	10	..	...	1	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
178C. Other carbon-monoxide gas	19	..	...	...	...	...	..	..	..	...	...	1	1	..	..	...	...	..	...	...	1	..	...	...	...
178D. Other poisonous gases	8	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	1
179. Acute accidental poisoning by solids or liquids	22	..	...	...	...	1	1	..	..	...	...	2	...	..	..	1	...	..	...	...	...	..	1	1	...
180. Conflagration	80	..	4	4	...	8	..	..	..	2	...	1	5	..	..	...	...	..	3	1	...	3	...	...	3
181. Accidental burns (conflagration excepted)	101	..	...	3	2	4	..	..	..	1	2	3	3	..	1	1	1	..	...	4	2	1	2	1	...
182. Accidental mechanical suffocation	51	..	2	...	...	2	1	..	..	...	3	2	...	..	..	...	...	..	...	1	1	..	2	1	1
183. Accidental drowning	207	..	5	5	...	5	11	..	2	...	2	7	4	1	1	2	1	1	4	5	7	8	5	5	2
184. Accidental injury y firearms	34	..	...	...	1	1	..	..	..	...	...	1	...	..	1	2	...	1	...	...	2	1	2	...	1
185. Accidental injury by cutting or piercing instruments	7	..	1	...	...	...	..	..	..	...	...	...	1	..	..	...	...	..	...	...	...	..	...	...	...
186. Accidental injury by fall or crushing	755	..	4	16	8	38	4	3	3	6	12	23	15	2	2	23	4	..	1	12	9	5	13	12	10
188. Injury by animals	15	..	...	...	...	1	..	..	..	...	...	1	...	1	..	...	...	..	1	...	...	..	1	...	...
189. Hunger or thirst	2	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
190. Excessive cold	11	..	...	1	...	1	..	..	..	1	...	1	...	..	..	...	...	..	...	...	...	..	...	...	...
191. Excessive heat	25	..	...	2	...	...	..	..	..	...	...	1	...	..	..	1	...	..	...	...	1	..	...	...	...
192. Lightning	12	..	...	...	...	...	..	..	..	...	...	1	...	..	..	1	...	..	1	...	...	1	1	...	...
193. Accidents due to electric currents	17	..	1	...	1	2	..	..	..	...	...	1	1	..	..	...	...	..	...	1	1	..	...	...	...
195. Other accidents	130	..	1	...	5	5	3	..	..	1	4	3	1	..	..	5	1	..	1	2	1	..	9	2	...
195A. Sequelae of preventive immunization, inoculation or vaccination	5	..	...	...	1	...	1	..	..	...	...	...	...	..	..	...	...	..	...	1	...	..	...	...	...
195B. Other accidents due to medical or surgical intervention	2	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
195C. Lack of care of the newborn	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	1	...	..	...	...	...	..	...	...	...
195D. Obstruction, suffocation or puncture by ingested objects	41	..	...	...	1	3	1	..	..	...	1	...	...	..	..	1	1	..	1	...	...	..	3	...	...
195E. Other and unspecified objects	81	..	1	...	3	2	1	..	..	1	3	3	1	..	..	3	...	..	...	1	1	..	6	2	...
OPERATIONS OF WAR AND LEGAL EXECUTIONS																									
198. Legal executions	2	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	1	...
CLASS XVIII.—ILL-DEFINED AND UNKNOWN CAUSES OF DEATH																									
Total	106	..	4	...	...	1	11	..	..	...	...	2	2	..	..	4	3	..	...	6	4	1	5	2	1
199. Sudden death	19	..	...	...	...	1	..	..	..	...	...	...	1	..	..	...	...	..	...	2	2	..	2	1	...
200. Ill-defined and unknown causes	87	..	4	...	...	...	11	..	..	...	...	2	1	..	..	4	3	..	...	4	2	1	3	1	1
200A. Ill-defined	42	..	2	...	...	...	2	..	..	...	...	1	1	..	..	3	2	..	...	1	2	..	2	...	...
200B. Found dead	8	..	...	...	...	...	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	1	...
200C. Unknown or unspecified cause	37	..	2	...	...	...	9	..	..	...	...	...	...	..	..	1	1	..	...	3	...	1	1	...	1

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1941—Continued

Leeds	Lennox	Linclon	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
...	..	1	..	1	1	...	...	...	1	1	1	...	...	...	1	..	..	1	..	1	1	...	3	...	1	1	4	...	4	3	176
1	..	...	..	...	..	3	...	...	...	...	...	...	...	...	...	..	..	...	..	...	...	...	...	...	...	2	...	...	2	...	177
...	..	...	..	...	..	2	...	...	1	...	1	1	2	1	..	..	..	...	..	2	...	...	...	2	...	...	2	...	8	19	178
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	2	7	178A
...	..	...	..	...	..	2	...	...	...	...	..	1	1	1	..	..	..	...	..	...	...	...	...	...	...	...	1	...	1	2	178B
...	..	...	..	...	..	...	...	...	1	...	..	...	1	...	..	..	..	...	..	2	...	...	...	2	...	...	1	...	4	5	178C
...	..	...	..	...	..	...	...	...	...	...	1	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	1	5	178D
...	..	...	..	...	..	...	...	...	...	...	..	1	...	...	1	..	..	1	..	1	...	1	1	...	...	...	...	...	2	7	179
1	..	1	2	...	1	...	...	...	1	...	..	...	...	1	..	..	..	...	..	2	...	9	3	9	...	...	...	3	3	10	180
...	1	2	..	4	1	2	1	1	...	2	3	...	...	...	1	..	..	2	..	1	...	3	1	4	2	4	4	1	6	24	181
...	..	...	..	1	..	...	...	...	1	2	1	2	1	...	..	..	..	1	..	2	...	...	...	1	1	1	2	3	4	12	182
1	1	5	1	5	4	2	3	2	2	1	8	2	2	3	1	1	1	3	2	7	2	9	10	4	3	1	9	2	7	20	183
...	..	...	..	...	..	...	3	1	...	...	1	...	...	1	..	..	..	...	..	2	2	1	1	...	...	1	...	...	1	7	184
...	..	...	..	1	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	2	...	...	...	...	...	...	...	...	...	2	185
12	1	8	1	33	2	3	10	7	12	17	3	5	16	7	2	4	3	9	1	22	14	11	16	2	12	28	20	19	40	190	186
...	..	...	..	...	..	...	...	1	...	...	..	...	...	...	..	..	..	...	..	...	...	2	...	1	...	...	...	1	1	4	188
...	1	...	..	...	..	1	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	...	189
...	..	...	1	...	..	...	...	...	...	...	1	...	...	1	..	..	..	...	..	1	...	...	1	1	...	...	...	...	1	...	190
...	..	...	1	2	..	...	...	...	...	1	..	...	...	...	..	1	1	...	..	...	...	...	1	...	...	...	1	...	7	5	191
...	..	...	..	...	..	...	...	...	...	1	..	...	...	1	2	..	..	1	..	...	...	1	...	...	...	...	...	...	...	1	192
...	..	2	..	...	..	...	...	...	...	1	1	...	...	...	..	..	..	1	..	...	...	...	...	1	...	...	...	...	...	3	193
...	..	3	1	2	..	1	2	2	2	...	1	1	2	2	..	2	..	2	..	4	1	3	3	3	1	...	5	...	14	29	195
																			..	...	...	1	...	...	...	...	...	...	1	...	195A
																													1	1	195B
																															195C
...	..	...	..	1	..	1	...	1	1	...	..	...	...	...	..	..	..	...	..	1	1	...	3	3	...	...	1	...	2	14	195D
...	..	3	1	1	..	...	2	1	1	...	1	1	2	2	..	2	..	2	..	3	...	2	...	...	1	...	4	...	10	14	195E
...	..	...	..	...	..	...	...	...	...	...	..	1	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	...	198
2	..	4	1	1	1	...	...	...	1	2	..	...	...	1	2	..	5	1	..	5	4	2	11	...	1	2	5	1	...	8	
1	..	1	..	...	..	...	...	...	...	2	..	...	...	1	1	..	..	...	..	...	2	...	...	...	...	...	1	...	...	1	199
1	..	3	1	1	1	...	...	...	1	...	..	...	...	...	1	..	5	1	..	5	2	2	11	...	1	2	4	1	...	7	200
1	..	1	..	1	..	...	...	...	...	...	..	...	...	...	1	..	2	1	..	5	2	...	...	...	1	2	1	1	...	7	200A
...	..	2	..	...	1	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	1	...	...	...	...	2	...	...	...	200B
...	..	...	1	...	..	...	...	...	1	...	..	...	...	...	..	..	3	...	..	...	...	1	11	...	...	...	1	...	...	...	200C

TABLE 40—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES

SPECIAL CLASSES OF

(Included also under the numbers

Counties of Ontario (including cities, towns

IN THE PROVINCE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
A. Accidental absorption of poisonous gas	16	..	...	...	...	...	..	..	..	...	...	...	5	..	..	...	...	..	3	...	...	..	...	...	...
B. Accidental burns (conflagration excepted)	108	..	4	4	...	8	..	..	2	5	20	2	1	1	..	...	1	..	...	2	...	3	4	...	3
C. Accidental mechanical suffocation	4	..	...	...	...	1	2	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
D. Accidental drowning	116	..	8	...	3	4	3	..	1	...	2	4	5	..	2	...	...	1	1	1	1	13	1	2	...
E. Accidental cutting or piercing	22	..	1	1	...	...	1	..	..	...	...	2	...	..	..	2	...	..	...	1	...	..	...	...	2
F. Accidental fall	84	..	5	...	...	5	4	1	1	3	1	3	...	1	1	1	1	..	...	1	1	6	1	1	...
G. Accidental crushing	1108	..	15	13	5	54	23	1	4	8	23	54	16	1	3	12	19	2	9	40	10	10	34	13	3

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1941

ACCIDENTAL DEATHS

of the International List above)

and villages of 5,000 and over), 1941

ONTARIO, 1941

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	1	2	...	...	...	...	1	...	4	A
1	..	2	2	...	1	...	1	1	1	...	1	3	...	1	..	1	..	...	..	3	...	8	1	9	...	...	...	2	4	6	B
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	1	...	...	...	C
2	..	1	3	...	2	4	3	1	2	...	5	...	...	...	..	1	3	5	..	5	...	4	3	2	2	...	3	3	2	8	D
1	..	2	..	1	1	1	1	...	1	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	2	2	E
...	..	4	..	2	..	...	1	1	1	2	..	...	...	2	..	1	1	3	..	3	...	1	8	...	1	...	4	3	2	7	F
9	6	27	..	30	13	14	8	16	20	20	10	15	13	5	9	2	3	15	3	41	15	36	45	26	7	22	38	16	61	191	G

TABLE 41—DEATHS FROM CERTAIN CAUSES IN TOWNS AND

	Typhoid and paratyphoid fever	Cerebrospinal meningitis	Scarlet fever	Whooping-cough	Diphtheria	Tetanus	Tuberculosis	Syphilis	Influenza	Measles	Acute poliomyelitis and polioencephalitis	Diseases of the thyroid and parathyroid glands	Bronchitis	Pneumonia	Pleurisy	Puerperal septicaemia
Total towns and villages of 1,000 population and under 5,000...	5	1	3	12	2	1	56	18	62	4	.....	15	9	174	5	8
Acton									1							
Alexandria														1		
Alliston									6					1		
Almonte									1					1		
Amherstburg									2					2		
Arnprior																
Aurora													1	1		
Aylmer																
Bancroft				1					2			1				
Barry's Bay																
Beamsville														1		
Blenheim														2		
Blind River														4		1
Bobcaygeon														1		
Bowmanville							1							5		
Bracebridge								1					1	8		1
Bradford														1		
Brighton														1		
Burlington																
Burlington Beach																
Cache Bay													1	1		
Caledonia														1		
Campbellford								1						2		
Capreol														1		
Cardinal														1		
Carleton Place									1					3		
Casselman														1		
Chesley														2		
Chesterville																
Chippawa																
Clinton												2	1	2		
Cobalt							1							1		
Cochrane	2						2							3	1	
Coniston								1								
Copper Cliff														1		
Delhi										2						
Deseronto														1		
Dresden														1	1	
Dryden							1					1		2		
Dunnville									2			1		4		
Durham									3	1		1	1	2		1
Eganville																
Elmira									1							
Elora																
Englehart														1		
Essex																
Exeter				1			1							1		
Fenelon Falls																
Fergus									1					5		1
Fonthill								1								
Forest												1				
Frankford																
Gananoque							1									
Georgetown														1		
Geraldton														1	1	
Goderich							2		1					2		
Gravenhurst														1		
Grimsby												1				
Hagersville														1		
Haileybury				1			33	1					1			
Hanover									1			1		1		
Harriston				1										1		
Harrow																
Havelock																
Hespeler																
Humberstone														1		
Huntsville														1		
Iroquois Falls														3		
Kapuskasing														1		1
Keewatin																
Kemptville														1		
Kincardine								1								
Kingsville																
Lakefield																
Larder Lake	1															
Listowel														4		
Little Current				1					1					1		
L'Orignal									1							

VILLAGES OF 1,000 POPULATION AND UNDER 5,000—ONTARIO, 1941

	Typhoid and paratyphoid fever	Cebrospinal meningitis	Scarlet fever	Whooping-cough	Diphtheria	Tetanus	Tuberculosis	Syphilis	Influenza	Measles	Acute poliomyelitis and polioencephalitis	Diseases of the thyroid and parathyroid glands	Bronchitis	Pneumonia	Pleurisy	Puerperal septicaemia
Madoc														1		
Markham																
Marmora																
Mattawa	1			3					1	1				3		
Meaford									4					3		
Merritton							1		2					1		
Milton														1		
Milverton								1								
Mitchell														1		
Morrisburg														1		
Mount Forest									2							
Napanee			1					2	2							
New Hamburg									1							
New Liskeard									2							
Newmarket								1	3			1		2	1	
Niagara														1		
Norwich									1							
Oakville									1							
Orangeville									1					4		
Palmerston														1		
Paris							2							2		
Penetanguishene							1	1	1			1		6		
Perth				1			1	1						4		
Petrolia									1					2		
Picton				1				1	2					2		
Point Edward			1													
Port Credit														1		
Port Dalhousie														1		
Port Dover								1								
Port Elgin									1					1		
Port Perry														2		
Portsmouth								1	1					13		
Port Stanley																
Prescott														1		
Rainy River									1					4		
Richmond Hill																
Ridgetown																
Riverside									1							
Rockcliffe Park																
Rockland							1		2							
St. Mary's			1											3		
Seaforth							1						1	3		1
Shelburne														1		
Sioux Lookout							2							1		
Southampton													1			
Stayner																
Stoney Creek																
Stouffville																
Strathroy														3		
Sturgeon Falls	1			1	1		2	1	1					3	1	1
Sutton																
Tavistock																
Tecumseh														1		
Thessalon													1			
Tilbury		1														
Tillsonburg							1		1			2		3		1
Tweed							1							2		
Uxbridge																
Vankleek Hill							1		1					2		
Victoria Harbour									1			1				
Walkerton				1	1	1		1				1		1		
Wallaceburg									1					2		
Waterford								1	1							
Watford									1					1		
Wellington									1							
Wiarton														1		
Winchester														1		
Wingham														2		
Woodbridge														1		

In Memoriam

JOHN WILLIAM SCOTT McCULLOUGH, M.D., C.M., D.P.H.

1868 - 1941

THE CONTRIBUTION of John William Scott McCullough to the development of Public Health in Ontario was one of great importance and magnitude. He brought to his office as administrator vision and sound judgment; he utilized to the full the opportunity for extension of health work in accordance with enlightened public opinion during the first quarter of the present century. His influence was felt in the other Provinces of Canada and was a factor in the organization of the Federal Department of Health at Ottawa following the Great War. Dr. McCullough was honoured by election to executive positions in the American Public Health Association, the Conference of State and Provincial Health Officers and numerous other associations and public health groups in both Canada and the United States.

Dr. McCullough was born January 25th, 1868, in Peterborough County. He was educated at Owen Sound Collegiate, Trinity Medical School, and the University of Toronto. Following graduation he spent some time in post-graduate study in New York and London.

Dr. McCullough's connection with public health endeavour dates from his appointment as Medical Health Officer for the Town of Alliston, where he began practice in 1890. He was appointed member of the Provincial Board of Health in 1906. He became secretary in 1910; this position gave him executive powers as Chief Health Officer and Deputy Registrar General. Dr. McCullough retained his connection with Provincial Health Administration until his retirement in 1935.

During his tenure of office Provincial Health activities developed from a small generalized service to a department of government functioning through a series of Divisions of specialized services. His work in the consolidation of the Public Health Act in 1912, was the first step in a definite development. A second achievement was attained in 1920, when health administration was raised to cabinet rank under the Minister of Labour and Health. The Public Health Act of 1925 created the portfolio of Health, whereby the Provincial Board was superseded by the present organization of health as an integral Department of Government in Ontario.

The system of District Officers of Health was instituted by Dr. McCullough in 1912. He succeeded in securing appropriations for the free distribution of biological products in 1916, thus placing Ontario first on the list of Canadian Provinces to adopt this policy. In the same year he instituted special educational efforts in an attempt to reduce maternal and infant mortality. He organized the Department's library in 1920.

Dr. McCullough was one of the Ontario representatives on the International Joint Commission for investigation of the boundary waters between Canada and the United States, and continued his interest in the work of Sanitary Engineering throughout his career. He was always deeply concerned with the problems of tuberculosis, to combat which he initiated Provincial Traveling Chest Clinics. He was foremost among those leaders who strove to control venereal disease. Under him the laboratory work was extended in the range of examinations and also by the establishment of branch laboratories. These various services, together with those of Industrial Hygiene and Public Health Education, were given definite status as Divisions, under his plan of development.

His insistence on strict adherence to standard procedures and techniques resulted in recognition of the Departmental services by international authorities. Adequate training of personnel was, in Dr. McCullough's mind, an essential for good work. Under him, arrangements were made for a short course in Public Health Nursing during the summer of 1920; this was the forerunner of the Course established later as a permanent training project by the University of Toronto. The decision to establish the School of Hygiene, in the University of Toronto, was influenced by Dr. McCullough's interest in the training of professional health workers and by the fact that the Ontario Department was approved by expert opinion, having been selected as one of the agencies to be visited and studied by holders of their scholarships from foreign countries by the International Health Board of the Rockefeller Foundation.

Dr. McCullough served as secretary to the Royal Commission on Cancer, following the recommendations of which Commission, diagnostic and treatment centres were established throughout Ontario, radium was purchased and the operation of an emanation plant undertaken by the Department.

Dr. McCullough was a member of the Committee responsible for the organization of the Canadian Public Health Association. He was the founder of the Ontario Health Officers' Association.

Dr. McCullough acted as Lieutenant Colonel in the R.C.A.M.C., 1914-1918, and retained his interest in army medical service until his death.

To Dr. McCullough the criterion of success was the reduction of rates of death and sickness due to preventable causes, together with improved environmental sanitation and increased personal health status and practices among the total population of the Province. For these three ends he worked from day to day throughout the years of his administration. His work is a monument to his sincere effort to meet the challenge contained in the motto to the Department, so significant to him—"Ne pereat populus, scientia absente."

DEPARTMENT OF HEALTH

Seventeenth Annual Report

OF THE

Department of Health

Ontario, Canada

FOR THE YEAR

1941

PRINTED BY ORDER OF

THE LEGISLATIVE ASSEMBLY OF ONTARIO

SESSIONAL PAPER No. 14, 1942

ONTARIO

TORONTO

Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty

1 9 4 2

To The Honourable Albert Matthews, LL.D.,
Lieutenant-Governor of the Province of Ontario.

May It Please Your Honour:

I herewith beg to present for your consideration the Seventeenth Annual Report of the Department of Health, for the year 1941.

Respectfully submitted,

Harold J. Kirby,
Minister of Health.

To The Honourable Harold J. Kirby, K.C.,
Minister of Health.

Sir,—I have the honour to submit for your approval the Seventeenth Annual Report of the Department of Health, made in conformity with and under the provisions of The Public Health Act, for the year 1941.

I have the honour to be, Sir,

Your obedient servant,

B. T. McGhie,
Deputy Minister of Health

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DEPARTMENT OF HEALTH

Minister

HONOURABLE HAROLD J. KIRBY, K.C.

Deputy Minister

B. T. McGHIE, M.D.

Chief Medical Officer of Health

JOHN T. PHAIR, M.B., D.P.H.

Solicitor to Department

K. G. Gray, M.D., K.C., on Active Service

Division of Medical Statistics

A. H. Sellers, M.D., D.P.H., on Active Service.....Director

Division of Sanitary Engineering

A. E. Berry, M.A.Sc., C.E., Ph.D.....Director
A. V. Delaporte, B.A.Sc., Chem. E., F.C.I.C.....Chemist in Charge of Experimental Station
O. V. Ball, B.A.Sc. .....Assistant Sanitary Engineer
G. A. Burn, B.A.Sc.....Assistant Sanitary Engineer
E. W. Johnston, B.A.Sc.....Assistant Sanitary Engineer
A. T. Byram, B.A.Sc.....Assistant Sanitary Engineer

Division of Venereal Disease Control

W. H. Avery, M.D.....Consultant
A. J. Bromley, M.D.....Clinical Specialist

Division of Epidemiology

H. A. Ansley, M.B., D.P.H., on Active Service.....Epidemiologist
R. P. Hardman, M.D., D.P.H.....Associate Epidemiologist
W. N. Turpel, M.D., D.P.H.....Associate Epidemiologist

Division of Tuberculosis Prevention

G. C. Brink, M.B.....Director
K. M. Shorey, M.D.....Clinical Specialist
J. S. Hazen, M.B. .....Clinical Specialist
O. V. Dent, M.D.....Clinical Specialist
A. Forsberg, M.D.....North-Western Ontario Clinic, Fort William
G. G. Brearley, M.D.....Mid-Eastern Ontario Clinic, Belleville
D. McCallum, M.B.....Eastern Ontario Clinic, Ottawa
G. B. Lane, M.D.....Northern Ontario Clinic, Timmins
W. Belshaw.....Accountant

Division of Child Hygiene and Public Health Nursing

John T. Phair, M.B., D.P.H.....Director
Edna L. Moore, Reg. N.....Chief Public Health Nurse

Division of Laboratories

Andrew L. MacNabb, B.V.Sc. ..... Director
A. R. Bonham, B.A.Sc., F.C.I.C. ..... Provincial Analyst
W. B. McClure, M.D., D.P.H. ..... Bacteriologist
S. F. Penny, M.D. ..... Pathologist
E. L. Barton, M.D. ..... Asst. Bacteriologist
J. W. Bell, M.B. ..... Asst. Bacteriologist
J. E. Fasken, B.A.Sc. ..... Asst. Analyst

Branch Laboratories:

A. J. Slack, Ph.C., M.D., D.P.H., Director ..... London
James Miller, M.D., F.R.C.S. (Edin.), Director ..... Kingston
A. D. McClure, B.A., Director (on Active Service) ..... North Bay
W. J. A. Percy, M.A., Acting Director ..... North Bay
A. E. Allin, M.D., D.P.H., Director ..... Fort William
N. F. W. Graham, B.A., M.B., Director ..... Sault Ste. Marie
C. B. Waite, M.D., Director ..... Peterborough
F. L. Letts, M.B., D.P.H., Director ..... Ottawa
E. P. Johns, Government Bldg ..... Kingston

Subsidized Laboratory

J. B. McKay, M.D., Belleville General Hospital ..... Belleville

Division of Industrial Hygiene

J. G. Cunningham, B.A., M.B., D.P.H. ..... Director
A. R. Riddell, B.A., M.B., D.P.H. ..... Clinical Specialist
F. M. R. Bulmer, M.B., B.Sc.M. ..... Special Research
H. E. Rothwell, B.A.Sc., F.C.I.C. ..... Chemist
C. M. Jephcott, M.A., Ph.D., F.C.I.C., A.I.C. ..... Assistant Chemist
L. B. Leppard, M.A., Ph.D. ..... Physicist
D. S. McKee, C.S.I. (C.) ..... Chief Sanitary Inspector
J. Richardson, Sanitary Inspector ..... North Bay
John Sime, A. R. San. I., Sanitary Inspector ..... Fort William
R. B. McCauley, Sanitary Inspector ..... Sault Ste. Marie
Hugh McIntyre, A. R. San. I., Sanitary Inspector ..... Kirkland Lake
A. S. O'Hara, M.R. San. I., C.S.I. (C.), Sanitary Inspector on Active Service ..... Kenora
D. E. Moore (acting) ..... Kenora
S. Harris, C.S.I. (C.), Sanitary Inspector, on Active Service ..... Geraldton
G. H. Powell, C.S.I. (C.), (acting) ..... Geraldton
W. L. Smith, Sanitary Inspector, on Active Service ..... Toronto
J. S. Pye, Sanitary Inspector (acting) ..... Toronto

Division of Dental Services

F. A. Kohli, D.D.S., on Active Service ..... Director
H. J. Hodgins, D.D.S. (acting) .....

Division of Nurse Registration

A. M. Munn, Reg. N. ..... Director

E. R. Dick, Reg. N., on Active Service ..... Inspector of Training Schools for Nurses
H. Bennett, Reg. N., (acting) .....

Health Education

Mary Power, B.A. .....

North-Western Ontario Health District

A. L. McKay, B.A., M.B., D.P.H. .....

Honourary Consultants

Public Health Administration .....
Pediatrics ..... Alan Brown, B.A., M.B.
Obstetrics .....
Dental Services ..... Harold Keith Box, D.D.S.
Pathology ..... James Miller, M.D., F.R.C.S. (Edin.)
Public Health Nursing ..... Miss Elizabeth Smellie, C.B.E., Reg. N.

ANNUAL REPORT

of the

Department of Health

For the Calendar Year Ending December 31st, 1941

PUBLIC HEALTH ADMINISTRATION

J. T. Phair, M.B., D.P.H., *Chief Medical Officer of Health.*

The reason for increased popular concern in matters of health during times of national stress is probably less inexplicable than might appear on the surface. While on occasion causing embarrassment to the Health Department, which is already labouring under the difficulties resulting from depletion of staff, such interest when prompted by a sincere desire on the part of the concerned individual to make amends for his previous inaptitude or apathy, is in the main welcomed by the health worker. The successful administrator appreciates fully the frailties of the average individual who in times of normalcy refused either to be coerced or cajoled into the more general acceptance of sound preventive procedures.

However, in these troubled times, there is no place for the still too common individual who construes the professional health worker whose programme has been starved for lack of funds and stultified by lack of interest, to be some fortuous combination of alchemist and medicine man, who confronted by an emergency can in some mysterious manner stop overnight the spread of an outbreak of communicable disease, or change the attitude or behaviour of masses of the public. If people view the preventive urgings of the health staff with complacency when the cyclic incidence of communicable disease is low, they gain nothing by berating their own stupidity when the wheel of incidence throws it to the top. If people will insist on radically changing their environment and their established mode of living and crowd together in inadequate, ill-ventilated and unsanitary premises, they must expect to pay the price of their indiscretions. Not only do these errors of omission apply to the control of communicable forms of illness but we find evidence of the same unwillingness to accept advice in matters of physical fitness.

Today we find that there are evident shortcomings in our preventive programme. 16% of all male adults in Ontario, between 21-24, inclusive, called up for military service, were placed by examining physicians in Category E. 98% of these had been exposed since birth to the health services on behalf of which much that is laudatory has been said. What is the explanation of this anomaly? Either these services are not province-wide in their existence, or they are not as good as we have implied. Casual observation would lead one to the inference that both these possibilities are probably in part true. There is no health programme, as such, in the majority of rural or small urban communities; the local health set-up is formed to function only in the face of disaster; the Health Officer is paid on this basis. If he presumes to do anything preventive in character, he does it without remuneration and apparently on his own authority. The local Board of Health not only offers nothing in the way of leadership, but is all too often a deterring factor. If the smaller community is to continue to exercise the privilege of local public health autonomy, it is necessary that the local Board take full advantage of its authority as a corporation to implement a constructive community programme or it will undoubtedly have to give way to a larger unit of administration.

There is a growing realization that some such modification of the present set-up is inevitable. Anticipating this demand the Department has attempted to provide facilities for training both medical and other personnel. Substantial

aid in this project has been again received from the School of Hygiene, University of Toronto, and the International Health Board of the Rockefeller Foundation. Fellowships were for the first time made available to the part-time engineers for special training in the field of sanitation. As a war time compromise the Department has been compelled to interpret broadly its regulatory requirements in the matter of qualifications of Health Officers. The course of instruction for newly appointed Medical Officers of Health in municipalities of 4,000 population or over is now largely carried on by correspondence, while the shorter course for Health Officers in municipalities of less than 4,000 population has been temporarily discontinued and suitable texts on appropriate aspects of community health have been made gratuitously available. It is hoped that this compromise will be appreciated by those affected.

While it has not been possible to extend the plans for County Health Units beyond the original unit in Eastern Ontario, it is of interest to note the general acceptance of this rather radical departure in local public health administration by the people and the local authorities.

Medical Officers continue to offer their services to the Army, the Navy and the Air Force. During the twelve months just ended the following names have been added to the long list of those serving in the Active Service Forces:—

Dr. W. T. McFadzean, Brantford,	Brantford Tp.
D. H. Milne, Cargill,	Brant Tp., Greenock, Tp.
D. R. Finlayson, Ripley,	Huron Tp., Ripley V.
W. H. Carson, Southampton,	Southampton T.
E. J. Cloutier, Ansonville,	Calvert Tp.
J. H. F. Adams, Straffordville,	Bayham Tp., Vienna V.
L. C. Hillis, Kingsville,	S. Gosfield Tp., Kingsville T.
P. M. MacDonnell, Kingston,	Pittsburgh Tp., Portsmouth V.
L. Sturgeon, Meaford,	Meaford T.
T. P. Kearns, Bothwell,	Bothwell T., Zone Tp.
J. A. McLean, Merlin,	Raleigh Tp.
A. M. Bell, Alvinston,	Alvinston V.
H. J. Irvine, Brigden,	Moore Tp.
J. A. McDonald, Hastings,	Hastings V.
A. E. MacKenzie, Stamford Centre,	Stamford Tp.
H. H. Argue, Mount Forest,	Arthur Tp., Mount Forest T.
C. R. Boulding, Aurora,	Aurora T.
H. B. Kenner, Stratford,	Stratford C.
E. Larocque, Plantagenet,	N. Plantagenet Tp.
J. M. Nettleton, Penetanguishene,	Penetanguishene T.
G. H. Emery, Everett,	Tossorontio Tp.
W. A. Milligan, Cornwall,	Stormont, Dundas & Glengarry Unit.
W. M. Wallace, Massey,	Hallam, Salter, etc., Tps. Massey and Webbwood Towns.

The following have retired from office:—

Dr. C. D. Shortt, Hornepayne,	Wicksteed Tp.
J. Ferguson, Kincardine,	Kincardine T., Kincardine Tp.
H. E. Peart, Elmwood,	Brant Tp., Bentinck Tp.
E. J. Nelson, Acton,	Acton V.
J. R. Z. Morden, Florence,	Euphemia Tp.
A. L. Rice, Appin,	Ekfrid Tp.
R. W. Tisdale, Delhi,	Middleton Tp.
D. J. Sinclair, Woodstock,	E. Oxford Tp.

W. W. Wallingford, Earlton,	Armstrong Tp.
Wm. Geiger, Waterloo,	Waterloo T.
W. Glaister, Wellesley,	Wellesley Tp.
Q. R. Schindler, Ignace,	Ignace Tp.
H. A. Turner, Millbrook,	Millbrook V.
A. J. Sparling, Pembroke,	Pembroke Tp.

In conclusion, it is with extreme regret and in many instances a sense of personal loss that I am compelled to report the passing of the medical officers listed below:—

Dr. J. N. Langlois, Blind River,	Blind River T., Thompson Tp.
A. S. McCaig, Sault Ste. Marie,	S. S. Marie C., Korah and Tarentorus Tp.
A. B. Rutherford, Owen Sound,	Derby and Sarawak Tps.
A. A. J. Simpson, Kintail,	Ashfield Tp.
M. H. Moore, Athens,	Athens V., Yonge & Escott Rear Tp.
J. D. MacDonald, Huntsville,	Brunel Tp., Chaffey Tp., Huntsville T., Port Sydney V., Stephenson Tp., Stisted Tp.
J. Johnston, Burgessville,	N. Norwich Tp.
T. W. Allison, Caledon East	Albion Tp.
R. E. Hartry, Fort Frances,	McIrvine Tp.
J. B. Buell, Stevensville,	Willoughby Tp.

REPORT OF THE SOLICITOR

K. G. Gray, K.C., M.D., *Solicitor to the Department.*

The following legislation was passed by the Legislative Assembly of the 1941 Session:

The following Acts were amended:—

The Public Health Act—Chapter 45, 5 George VI, 1941.

The Venereal Diseases Prevention Act—Chapter 62.

The Sanatoria for Consumptives Act—Chapter 51.

The Cemetery Act—Chapter 10.

Upon the recommendation of the Minister of Health, regulations and amendments to regulations under the following Acts were approved by the Lieutenant-Governor in Council:—

The Venereal Diseases Prevention Act—May 6th, 1941.

The Venereal Diseases Prevention Act—February 8th, 1941.

The Cemetery Act—October 9th, 1941.

The Public Health Act—March 25th, 1941, re Camps.

The Public Health Act—December 16th, 1941, re Camps.

The Public Health Act—March 29th, 1941, re Psittacosis, revoked and substituted, January, 1942.

AN ACT TO AMEND THE PUBLIC HEALTH ACT.

His Majesty, by and with the advice and consent of the Legislative Assembly of the Province of Ontario, enacts as follows:

1. Section 1 of *The Public Health Act* is amended by adding thereto the following clause: Rev. Stat., c. 299, s. 1, amended.

(*cc*) "Food and dairy inspector" shall mean food and dairy inspector appointed under this Act. "Food and dairy inspector."

2. (1) Clause *zc* of section 5 of *The Public Health Act*, as enacted by section 3 of *The Public Health Amendment Act, 1938*, is amended by inserting after the word "inspectors" in the third line the words "food and dairy inspectors," so that the said clause shall now read as follows: Rev. Stat., C. 299, s. 5, cl. *zc*, (1938, c. 30, s. 3) amended.

(*zc*) Providing for courses of instruction and prescribing qualifications for Medical Officers of Health, sanitary inspectors, food and dairy inspectors and public health nurses. Courses for medical officers, inspectors and nurses.

(2) The said section 5 is amended by adding thereto the following clauses: Rev. Stat., c. 299, s. 5, amended.

(*zg*) prescribing qualifications for persons operating or engaged in diagnostic or public health laboratories; Qualifications of laboratory personnel.

Medical officers,—general.

(*zh*) prescribing the duties of medical officers of health, sanitary inspectors, food and dairy inspectors and public health nurses, in relation to public health matters not specifically provided for by this Act.

Rev. Stat., c. 299, s. 34, subs. 5, amended.

3. Subsection 5 of section 34 of *The Public Health Act* is amended by inserting after the word "appoint" in the second line the words "one or more food and dairy inspectors," so that the said subsection shall now read as follows:

Appointment of inspectors, nurses and physicians by council or local board.

(5) The council of city, town, township or village or a local board may appoint one or more food and dairy inspectors, one or more public health nurses, and one or more duly qualified physicians and engage such other services as may, in the opinion of the council or local board, be required for carrying out the provisions of this or any other Act administered by the Department or the regulations made thereunder for the prevention or treatment of disease.

Rev. Stat., c. 299, s. 37 subs. 1, amended.

4. (1) Subsection 1 of section 37 of *The Public Health Act* is amended by striking out the words "or in an adjoining municipality" in the third line, so that the said subsection shall now read as follows:

Dismissal.

(1) Every medical officer of health appointed by the council shall hold office during good behaviour and his residence in the municipality, and, if appointed by the Lieutenant-Governor in Council, shall hold office until the 1st day of February in the year following that of his appointment, and no medical officer of health shall be removed from office except on a two-thirds vote of the whole council and with the consent and approval of the Minister, who may require cause to be shown for the dismissal.

Rev. Stat., c. 299, s. 37, subs. 1*b*, (1938, c. 30, s. 5), amended.

(2) Subsection 1*b* of the said section 37, as enacted by section 5 of *The Public Health Amendment Act, 1938*, is amended by striking out the words "or in an adjoining municipality" in the second and third lines, and the words "or adjoining municipality" in the sixth and seventh lines, so that the said subsection shall now read as follows:

Appointment out of municipality.

(1*b*) Upon evidence satisfactory to the Minister that there is no person residing in a municipality qualified to be medical officer, the Minister may permit the council to appoint as medical officer of the municipality some person residing out of such municipality.

Rev. Stat., c. 299, s. 94, subs. 1, amended.

5. Subsection 1 of section 94 of *The Public Health Act*, as amended by section 4 of *The Public Health Amendment Act, 1939*, is further amended by inserting after the figures "100,000" in the second line the words and figures "or of a township in unorganized territory having a population of 15,000" so that the said subsection shall now read as follows:

Regulation of barber shops, etc.

(1) The council of any city or town or of any township bordering on a city having a population of not less than 100,000, or of a township in unorganized territory having a population of 15,000, may pass by-laws for regulating the operation of barber shops and hairdressing establishments, and for licensing the owners of such shops and hairdressing establishments, and for revoking the license upon breach of any regulation imposed by the by-law.

Rev. Stat., c. 299, s. 95, subs. 1, amended.

6. (1) Subsection 1 of section 95 of *The Public Health Act* is amended by striking out the words "veterinary surgeon or other competent person" in the second line and inserting in lieu thereof the words "food and dairy inspector or other competent person approved by the Department," so that the said subsection shall now read as follows:

Inspection of dairies, etc.

(1) The medical officer of health may make or cause to be made by a food and dairy inspector or other competent person approved by the Department, an inspection, periodical or otherwise, of all dairies, cheese factories, creameries, dairy farms, slaughter-houses and other lands or premises wherein or from which any milk, cream, cheese, butter, meat or other product intended for human consumption is produced, handled, stored, made, processed, packed, bottled, distributed or delivered, and if upon or as a result of any such inspection he finds that any such building, land or premises, or the equip-

ment, machinery, works or other part of the plant therein, or any other matter or thing therein is in a filthy or unclean state or that the operations carried on therein are not, or cannot be carried on in a sanitary manner or that persons are employed therein who from incompetency, uncleanliness or otherwise are not proper to be employed therein so that from or by reason of any such matters or things the public health may be endangered, he may order the owner or occupant of such building, land or premises to remedy such matters or things to his satisfaction, and until such time as he is satisfied that such matters or things are remedied he may prohibit or regulate the distribution, delivery, sale or offering for sale of any products from such building, land or premises.

(2) Subsection 3 of the said section 95 is repealed. Rev. Stat., c. 299, s. 95, subs. 3, repealed.

7. Subsection 3 of section 95*a* of *The Public Health Act*, as enacted by section 8 of *The Public Health Amendment Act, 1938*, is amended by inserting after the word "inspector" in the first line the words "food and dairy inspector," so that the said subsection shall now read as follows: Rev. Stat., c. 299, s. 95*a*, subs. 3, (1938, c. 30, s. 8), amended.

(3) Any medical officer of health, sanitary inspector, food and dairy inspector and any person authorized by a medical officer of health may, without laying any information or obtaining any warrant, seize and remove any milk sold, offered for sale or delivered, including any container in which such milk is found, for the purpose of causing an analysis of such milk to be made. Seizure of milk.

8. Subsection 1 of section 109 of *The Public Health Act* is amended by inserting after the word "health" in the first line the words "food and dairy inspector," so that the said subsection shall now read as follows: Rev. Stat., c. 299, s. 109, subs. 1, amended.

(1) A medical officer of health, food and dairy inspector or sanitary inspector may at all reasonable times inspect or examine any animal, carcass, meat, poultry, game, flesh, fish, fruit, vegetables, grain, bread, flour, milk or other article exposed for sale or deposited in any place for the purpose of sale, or for preparation for sale, and intended for food for man, and if such article appears to him to be diseased, or unsound or unwholesome, or unfit for food for man, he may seize and carry away the same, or cause it to be seized and carried away, in order that it may be destroyed or so disposed of as to prevent it from being exposed for sale or used as food for man. Inspection of food supplies.

9. Subsection 1 of section 110 of *The Public Health Act* is amended by inserting after the word "health" in the first line the words "food and dairy inspector," so that the said subsection shall now read as follows: Rev. Stat., c. 299, s. 110, subs. 1, amended.

(1) Whenever any medical officer of health, food and dairy inspector or sanitary inspector knows or has reason to believe that blood, offal or the meat of any dead animal which has not been previously boiled or steamed when fresh or before becoming putrid or decomposed, or which, although boiled or steamed, is putrid or decomposed, has been or is being fed to hogs, he may seize and carry away the hogs, whether dead or alive, or otherwise detain them so as to prevent their removal. Feeding certain things to hogs.

10. Subsection 1 of section 111 of *The Public Health Act* is amended by inserting after the word "health" in the sixth line the words "food and dairy inspector," so that the said subsection shall now read as follows: Rev. Stat., c. 299, s. 111, subs. 1, amended.

(1) Every butcher and other person selling meat shall on the request of the medical officer of health make affidavit as to the place at which the slaughter of his meat is carried on, and where it is without the limits of the municipality, such place shall be open to inspection by the medical officer of health, food and dairy inspector or by an inspector appointed by the council of the municipality in which the meat is offered for sale. Inspection of slaughter houses.

AN ACT TO AMEND THE VENEREAL DISEASES PREVENTION ACT.

His Majesty, by and with the advice and consent of the Legislative Assembly of the Province of Ontario, enacts as follows:

Rev. Stat., c. 301, s. 1, amended.

1. Section 1 of *The Venereal Diseases Prevention Act* is amended by adding thereto the following clause:

"Physician."

(*bb*) "Physician" shall mean a legally qualified medical practitioner.

Rev. Stat., c. 301, s. 2, subs. 1, amended.

2. (1) Subsection 1 of section 2 of *The Venereal Diseases Prevention Act* is amended by adding at the end thereof the words "or to ascertain the extent of venereal disease infection," so that the said subsection shall now read as follows:

Examination of person in custody or committed to prison.

R. S. C., c. 36.

(1) Whenever any person is under arrest or in custody charged with an offence against the *Criminal Code* or against any statute of Ontario or any by-law, regulation or order made under the authority thereof, or has been committeed to a gaol, reformatory or other place of detention upon conviction of such offence, and the medical officer of health for the municipality or district believes that such person is, or may be, infected with, or has been exposed to infection from venereal disease, the medical officer of health may cause such person to undergo such physical examination as may be necessary, or as may be prescribed by the regulations in order to ascertain whether or not such person is infected with venereal disease or to ascertain the extent of venereal disease infection.

Rev. Stat., c. 301, s. 2, subs. 3, repealed.

(2) Subsection 3 of the said section 2 is repealed.

Rev. Stat., c. 301, amended.

3. *The Venereal Diseases Prevention Act* is amended by adding thereto the following section:

Examination by gaol physician.

2*a*. (1) Every physician in medical charge of any gaol or place of detention or the inmates thereof may cause any person under his charge to undergo such physical examination as may be necessary or as may be prescribed to ascertain whether or not such person is infected with venereal disease or to ascertain the extent of venereal disease infection, and if from such examination the physician believes that the person examined is infected with venereal disease he shall report the facts to the medical officer of health who may thereupon exercise the powers vested in him by subsection 2 of section 2.

Duty of gaol physician.

(2) Where an examination has not been made under subsection 1 it shall be the duty of every physician in medical charge of any gaol or place of detention or of the inmates thereof to report to the medical officer of health the name and place of detention, whether before or after conviction, of any person under his medical charge whom he suspects or believes to be suffering from venereal disease, and such report shall be made within twenty-four hours after the time of arrival of such person in the gaol or place of detention.

Duplicate report.

(3) A duplicate of every report made under subsection 1 or 2 shall be forwarded to the Department.

Rev. Stat., c. 301, s. 3, subs. 1, amended.

4. (1) Subsection 1 of section 3 of *The Venereal Diseases Prevention Act* is amended by striking out the words "resident in" in the second line and inserting in lieu thereof the word "within," so that the said subsection shall now read as follows:

Action by medical officer of health on information.

(1) Subject to the regulations, where the medical officer of health is credibly informed that a person within the municipality or district for which the medical officer of health is appointed is infected with venereal disease and has infected or is liable to infect other persons, the medical officer of health may give notice in writing to such person requiring him to consult a legally qualified medical practitioner and to procure and produce to the medical officer of health within a time to be specified in the notice a report or certificate of such medical practitioner that the person so notified is or is not suffering from venereal disease.

Rev. Stat., c. 301, s. 3, subs. 7, repealed.

(2) Subsection 7 of the said section 3 is repealed.

5. *The Venereal Diseases Prevention Act* is amended by adding thereto the following sections: Rev. Stat., c. 301, amended.

3a. (1) Where a person who has been under treatment for venereal disease refuses or neglects to continue treatment in a manner and to a degree satisfactory to the attending physician and the Department, the physician shall report to the Department the name and address of such person together with such other information as may be required by the regulations. Physician to report patient discontinuing treatment.

(2) A person who fails to attend upon his attending physician within seven days of an appointment for treatment shall be deemed to have neglected to continue treatment, and shall be reported by the physician within fourteen days of the date of the appointment. What deemed discontinuance

(3) A physician who fails to report as required by this section shall incur a penalty of not less than $25 and not more than $100. Penalty.

3b. The Deputy Minister of Health and any officer of the Department of Health designated by the Minister shall be medical officers of health within the meaning of this Act. Powers of Deputy Minister.

AN ACT TO AMEND THE SANATORIA FOR CONSUMPTIVES ACT

His Majesty, by and with the advice and consent of the Legislative Assembly of the Province of Ontario, enacts as follows:

1. *The Sanatoria for Consumptives Act* is amended by adding thereto the following sections: Rev. Stat., c. 395, amended.

54a. (1) Any medical officer of health or duly qualified medical practitioner may, with the approval in writing of the Minister, make a complaint or lay an information in writing, and under oath before a justice of the peace, charging that the circumstances set out in clauses *a*, *b* and *c* of subsection 5 exist with regard to any person named in such complaint or information. Information or complaint.

(2) Upon receiving any such complaint or information the justice of the peace shall hear and consider the allegations of the complainant, and if he considers it desirable or necessary the evidence of any witness or witnesses, and if he is of the opinion that a case for so doing is made out, he shall issue a summons directed to the person complained of, requiring him to appear before a magistrate at a time or place named therein. Issue of summons.

(3) Where a person to whom a summons is directed does not appear at the time and place named therein, or where it appears that a summons cannot be served, a magistrate may issue a warrant directing that the person named in the summons be brought before him. Issue of warrant.

(4) Where a person appears or is brought before a magistrate under this section, the magistrate shall inquire into the truth of the matters charged in the complaint or information, and for such purpose shall proceed in the manner prescribed by *The Summary Convictions Act* and shall have all the powers of a magistrate holding a hearing under that Act. Magistrate's inquiry. Rev. Stat., c. 136.

(5) Where a magistrate finds that any such person,— Order for detention.

(*a*) is suffering from pulmonary tuberculosis in an infectious state;

(*b*) is unwilling or unable to conduct himself in such a manner as not to expose members of his family or other persons to danger of infection; and

(*c*) refuses to be admitted or to remain in a sanatorium or has left a sanatorium against the advice of the superintendent thereof, he shall order that such person be admitted to and detained in a sanatorium or in such other place as may be set aside with the approval of the Minister for the care of tuberculous persons, for such period not exceeding one year, as the magistrate may deem necessary

Laboratory certificate.

(6) In any inquiry under this section, upon production of a certificate signed or purporting to be signed by the director of a laboratory approved by the Minister as to the presence of tubercle bacilli in the sputum of any person, such certificate shall be *prima facie* evidence of the facts stated therein, and of the authority of the person giving such certificate without any proof of appointment or signature.

Detention pending inquiry or removal.

(7) Any person detained pending a hearing under this section or pending his removal to a sanatorium or other place set aside with the approval of the Minister for the care of tuberculous persons, shall be detained in a sanatorium or such other safe and comfortable place as a justice of the peace or magistrate may direct.

Transfer of patients.

(8) The Minister may direct the transfer of any person detained under this section to any sanatorium, hospital or any other place when he deems such transfer is necessary for the welfare of the patient.

Extension of detention.

(9) Any person detained under this section may, with the approval in writing of the Minister, be brought before a magistrate at any time during the last thirty days of the period for which he is so detained, and if the magistrate finds that he is still suffering from pulmonary tuberculosis in an infectious state he may order that such person be further detained in a sanatorium or such other place as may be set aside with the approval of the Minister for the care of tuberculous persons for such period, not exceeding one year, as the magistrate may deem necessary.

Order for segregation.

54*b*. Any patient in a santorium or in any other place set aside with the approval of the Minister for the care of tuberculous persons who is unwilling or unable to conduct himself in such a manner as not to expose other patients or other persons to danger of infection, or whose behaviour is detrimental to the recovery of other patients, may, with the approvial in writing of the Minister, be brought before a magistrate who may, if he finds any such condition to exist, order that such patient be segregated from the other patients in a separate part of the sanatorium or other place and there detained for such period not exceeding one year as the magistrate may deem necessary.

Authority to apprehend, etc.

54*c*. (1) The superintendent, every member of the medical staff and every nurse and attendant employed in a sanatorium or other place set aside with the approval of the Minister for the care of tuberculous persons and every medical officer of health and peace officer shall have authority to,—

(*a*) execute any warrant and enforce any order of a magistrate issued or made under section 54*a* or 54*b;*

(*b*) bring any person before a magistrate under subsection 9 of section 54*a* or section 54*b;* and

(*c*) apprehend any person who has left a sanatorium or other place set aside with the approval of the Minister for the care of tuberculous patients in contravention of any order made under section 54*a* or 54*b*.

Discharge by Minister.

(2) Where the Minister is of opinion that any person detained under section 54*a* or 54*b* in a sanatorium or other place set aside with the approval of the Minister for the care of tuberculous persons is no longer suffering from pulmonary tuberculosis in an infectious state, he may direct the discharge of such person.

Expenses of proceedings.

(3) The expenses of all proceedings taken under section 54*a* or 54*b* shall be paid out of such moneys as may be appropriated for the purposes of this Act by the Legislature.

AN ACT TO AMEND THE CEMETERY ACT

His Majesty, by and with the advice and consent of the Legislative Assemby of the Province of Ontario, enacts as follows:

1. Clause *f* of section 1 of *The Cemetery Act* is amended by striking out the words "Department of Health" in the second line and inserting in lieu thereof the words "Lieutenant-Governor in Council," so that the said clause shall now read as follows: Rev. Stat. c. 351, s. 1, cl *f*, amended.

(*f*) "Regulations" shall mean regulations made by the Lieutenant-Governor in Council under the authority of this Act. "Regulations."

2. Section 8 of *The Cemetery Act* is repealed and the following substituted therefor: Rev. Stat., c. 351, s. 8, re-enacted.

8. (1) The Lieutenant-Governor in Council may upon the recommendation of the Minister of Health make regulations— Power to make regulations.

(*a*) respecting the burial, disinterment, removal, and disposal of the bodies or other remains of deceased persons;

(*b*) respecting the plans, surveys, arrangement, condition, care, sale and conveyancing of lots, plots and other cemetery grounds and property;

(*c*) respecting the erection, arrangement and removal of tombs, vaults, monuments, gravestones, markers, copings, fences, hedges, shrubs, plants and trees in cemeteries;

(*d*) respecting charges for the sale and care of lots and plots;

(*e*) respecting the collection, amounts to be collected and investment of funds for perpetual care and maintenance of cemeteries;

(*f*) requiring the filing or registration of plans of cemeteries and prescribing the contents and details of such plans and requiring that burials be made in accordance with such plan;

(*g*) requiring that the by-laws, rules or regulations made by the owners of cemeteries be approved by the Minister of Health; and

(*h*) requiring information with regard to cemeteries and the care and management thereof to be furnished to the Minister of Health,

and such regulations may be general in their application or may be made applicable specially to any particular locality or cemetery.

(2) Every person who violates any of the provisions of the regulations shall be liable to a penalty of not more than $100 for a first offence and not more than $500 for a second or subsequent offence which shall be recoverable under *The Summary Convictions Act.* Penalty for violation of regulations. Rev. Stat., c. 136.

3. Subsection 1 of section 30 of *The Cemetery Act* is amended by striking out the word "personal" in the fourth line, so that the said subsection shall now read as follows: Rev. Stat., c. 351, s. 30, subs. 1, amended.

(1) No dead body shall at any time be disinterred or removed from the grave, place of burial or vault, other than a receiving vault, except under and subject to the regulations and under the supervision and direction of the medical officer of health. Disinterment of dead body.

Rev. Stat., c. 351, s. 33, amended.

4. Section 33 of *The Cemetery Act* is amended by inserting after the word "locality" in the fifth line the words "or that for any other reason it is expedient that a cemetery should be closed," so that the said section shall now read as follows:

Closing cemetery for defective drainage, etc.

33. Where the Department of Health reports in writing that a cemetery is so situated that, owing to the want of proper facilities for drainage or from any other cause, the same has become or is likely to become dangerous to the health of the inhabitants of the locality or that for any other reason it is expedient that a cemetery should be closed, the Lieutenant-Governor in Council may by proclamation declare that the cemetery shall be closed and that no further interments shall take place therein.

Rev. Stat., c. 351, amended.

5. *The Cemetery Act* is amended by adding thereto the following sections:

Removal by person other than owner.

34*a*. Where a cemetery has been closed by proclamation of the Lieutenant-Governor in Council as provided by section 33, and the owner does not proceed as provided by section 34. the Lieutenant-Governor in Council may authorize any person to exercise the powers of the owner in respect of a removal directed by the Lieutenant-Governor in Council and every expense incurred by such person in so doing shall be a debt due and owing from the owner to the Crown in the right of the Province of Ontario.

Power of municipality to expropriate.

Rev. Stat., c. 266.

36*a*. The council of a local municipality may, with the approval of the Minister of Health, pass a by-law for expropriating any cemetery situate therein or within an adjacent township or in unorganized territory and the provisions of Part XV of *The Municipal Act* as to the taking of land compulsorily and making compensation therefor and as to the manner of determining and paying the compensation shall apply *mutatis mutandis* to the council and to the exercise by it of the powers conferred by this section.

Rev. Stat. c. 351, s. 43, subs. 1, amended.

6. Subsection 1 of section 43 of *The Cemetery Act* is amended by striking out the words and figures "the Great War, 1914-1918" in the seventh line and inserting in lieu thereof the words "any war," so that the said subsection shall now read as follows:

War memorial committee—appointment of.

(1) The council of every county shall appoint a committee to be known as "The (*insert name of county*) War Memorial Committee" to take charge of monuments, tablets and other memorials established or erected within the county in commemoration of the nursing sisters, officers and men of His Majesty's forces who served, were wounded, killed or died during any war, except only such monuments, tablets and other memorials as are being cared for by municipalities, churches or other organizations.

Short title.

7. This Act may be cited as *The Cemetery Amendment Act, 1941.*

Copy of an Order-in-Council approved by the Honourable the Lieutenant-Governor, dated the 6th day of May, A.D., 1941

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that the regulations respecting venereal diseases, made pursuant to *The Venereal Diseases Prevention Act*, and approved by the Lieutenant-Governor in Council on June the 20th, 1918, April 16th, 1920, December 28th, 1922, and November the 9th, 1939, be further amended as follows:—

Form (*a*) VI, V.D., as approved by Order-in-Council, dated November the 9th, 1939, be repealed and the Form attached substituted therefor.

Certified,

C. F. Bulmer,
Clerk, Executive Council.

(*a*) Form VI, V.D.

Province of Ontario

Department of Health

REPORT OF VENEREAL DISEASE

ONTARIO

Name or Initials of Patient.....

Year of Birth.....Sex.....

Marital Status .....

Municipality.....

(*Please use block letters*)

Gonorrhoea: Acute..... Chronic.....

Syphilis: Early (up to 2 years).....

Late—with clinical signs.....

with positive blood only.....

Neurosyphilis.....

Congenital.....

Is patient continuing under treatment with you?.....

If not, give name and address of physician who will treat patient.....

.....

Has patient been treated previously? Yes..... No.....

Name of last physician.....

Address.....

Date of last treatment.....

Signature.....

(*Physician, Supt., or Head of Institution*)

Address.....Date.....

Copy of an Order-in-Council approved by the Honourable the Lieutenant-Governor, dated the 8th day of February, A.D., 1941.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that the regulations respecting venereal diseases made pursuant to the *Venereal Diseases Prevention Act, R.S.O., 1937*, Chap. 301, be amended as follows:—

1. Clause (2) of regulation (*c*) is amended by striking out the words "to the medical officer of health" and inserting in lieu thereof the words "by the attending physician to the Department of Health," so that the said clause shall now read as follows:—

(2) He shall abstain from marriage, sexual intercourse or any conduct likely to infect another, and shall obey all instructions given in writing by the medical officer of health for the prevention of infection from him. He shall continue treatment until the degree of treatment secured is considered adequate by the attending physician and the department and in default of which he shall be reported by the attending physician to the Department of Health. Penalty for non-compliance with this regulation, a fine of not less than $100.00 nor more than $500.00 or twelve months' imprisonment.

2. Regulation (*g*) is amended by striking out the words "but without giving the name of the patient" where it occurred at the end thereof, so that the said regulations shall now read as follows:—

Every medical practitioner, every hospital superintendent, superintendent of every institution under the *Mental Hospitals Act*, the head of every gaol, reformatory or other place of detention and of every institution, private, public or otherwise, shall report within 24 hours to the Department of Health of Ontario in accordance with Form VI every case of venereal disease coming under his treatment or care for the first time. If the patient has been under treatment by another physician or institution, notice thereof shall be sent forthwith to the Department.

3. Regulation (*g*) is amended by adding thereto the following clause:—

(2) Every medical practitioner, hospital superintendent, head of a place of detention, and every public institution and public and private laboratory shall report within 24 hours to the Department of Health of Ontario, in accordance with Form VI every case of venereal disease coming under his diagnosis whether or not the patient is under his treatment or care.

Certified,

C. F. Bulmer,
Clerk, Executive Council.

Copy of an Order-in-Council approved by the Honourable the Lieutenant-Governor, dated the 9th day of October, A.D., 1941.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that pursuant to section 8 of the *Cemetery Act*, being chapter 351 of the Revised Statutes of Ontario, 1937, and amendments thereto, the regulations hereto attached be approved by Your Honour.

Certified,

C. F. Bulmer,
Clerk, Executive Council.

Regulations

Made pursuant to section 8 of *The Cemetery Act, R.S.O., 1937*, Chapter 10, and amendments thereto.

Definitions

1. In these regulations:—

(*a*) "Department" shall mean the Department of Health for the Province of Ontario;

(*b*) "Lot" shall include plot, grave and burial site, but shall not include vault; and

(*c*) "Minister" shall mean the Minister of Health for the Province of Ontario.

Plans

2. Before the 1st day of January, 1942, every owner of a cemetery shall submit to the Minister for approval a general plan of the cemetery, drawn to scale and showing:—

(*a*) Every lot, walk, fence, road, watercourse and building in the cemetery, and

(*b*) The dimensions of every such lot, walk, fence, road, watercourse and building.

3. Every such plan for a cemetery that contains 10 or more acres of land or for any part of which a perpetual care contract or condition is in force, shall be prepared and the land shall be surveyed by an Ontario Land Surveyor or a Professional Engineer.

4. Every plan approved by the Minister shall forthwith be deposited by the owner pursuant to *The Custody of Documents Act* in the registry office for the registry division in which the cemetery is situate.

5. No alteration of the location, layout or dimensions of any lot in a cemetery shall be made until a detailed plan of such proposed alteration has been approved by the Minister and deposited in accordance with regulation 4.

6. Where a plan is approved by the Minister pursuant to regulation 2 or 5, such approval shall be endorsed upon the plan.

7. No body of a deceased person who had attained the age of 16 years shall be buried in a grave space that is less than 8 feet in length and 3 feet in width, exclusive of space for monuments.

8. Every interment in a cemetery shall be made in a lot that is shown on a plan approved by the Minister.

9. No interment shall be made without the written consent of the owner of the lot or of a person who satisfies the owner of the cemetery that such person represents the owner of the lot.

10. Public walks in every cemetery shall be so arranged as to give access to every plot therein. Roads shall be provided to give access to all parts of the Cemetery.

11. Every owner shall keep available for public inspection during reasonable hours a copy of every plan of the cemetery that has been approved and deposited in accordance with these regulations.

Sale of Lots.

12. Every owner shall at the time of every sale by him of a lot deliver to the purchaser thereof a deed or certificate showing:—

(*a*) The name of the purchaser;

(*b*) The location and area or dimensions of the lot purchased;

(*c*) The date of the purchase, and

(*d*) The amount of the sale price.

Registers

13. Every owner shall keep a register for public inspection in which shall be entered:—

(*a*) The name and address of every owner of a lot in the cemetery; and

(*b*) Every transfer of the ownership of a lot in the cemetery.

14. Every owner shall keep a separate register for public inspection in which shall be entered:—

(*a*) The name of every deceased person whose body is interred in the cemetery;

(*b*) The location of every dead body interred in the cemetery;

(*c*) The date of the burial of every such body, and

(*d*) The particulars of every disinterment or removal of any such body.

15. (1) Every transfer of the ownership of a cemetery lot subsequent to the original sale thereof shall be made by the registered owner thereof or his legal representative, giving to the owner of the cemetery a written notice, containing a description of the lot, the date of the sale and the name and address of the transferee.

(2) Upon receipt of such notice and payment of a fee not exceeding $2, the owner shall forthwith enter in the register kept in accordance with regulation 13 the date of the transfer and the name and address of the transferee.

Disinterment

16. (1) No dead body shall be disinterrred or removed from a place of burial in a cemetery without the written consent of the local medical officer of health and the owner of the lot or place of burial; provided that,—

(*a*) Where the owner of the lot or place of burial cannot conveniently be reached or the place of his residence is unknown to the owner of the cemetery, and the written consent of the Minister has been obtained, or

(*b*) Where the cemetery has been closed by proclamation of the Lieutenant-Governor in Council, the consent of the owner of the lot or place of burial shall not be requisite.

Cremation

17. Where a dead body has been cremated the ashes remaining therefrom shall not be kept longer than 60 days thereafter in a crematorium or upon the premises of an embalmer or funeral director or in any place that is not designated as a proper place for the final disposition of such ashes.

Sale and Care Charges

18. Every owner of a cemetery shall file with the Department a list of the prices or rates charged for the sale and care of lots in the cemetery, the opening of graves and other services, and as penalties.

19. No charge other than those specified in the rules or by-laws for a cemetery shall be made for the erection, placing, arrangement or removal of tombs, vaults, monuments, gravestones, markers, corner posts and copings therein, the opening of graves and other services and as penalties.

20. No new prices or rates and no alteration in existing prices or rates for a cemetery shall be put into effect until a list thereof has been filed with the Department; provided that, where the Minister disallows any such new price or rate or alteration, such new price or rate or alteration shall not be put into effect.

Change of Ownership of Cemetery

21. No change in the ownership of a cemetery shall become effective until written notice thereof has been given to the Department and such change has been approved by the Minister.

Cemetery By-laws

22. No cemetery by-law, rule or regulation that is in force on the 1st day of January, 1942, or is thereafter made, or any amendment thereof, shall have any force or effect after such day unless approved by the Minister.

23. The Minister may revoke his approval or disallowance under these regulations.

24. No marker, corner post, monument, coping, gravestone or fence other than those specified in the by-laws for a cemetery shall be required for any lot therein.

Funds for Perpetual Care

25. (1) Every owner who holds or receives any money for the purpose of perpetual preservation and maintenance of a lot, tomb, monument or enclosure pursuant to section 15 of *The Cemetery Act*, shall forthwith invest such money either with the Public Trustee or in securities in which a trustee may invest under *The Trustee Act*.

(2) Any surplus income from the investment of such money shall be invested in accordance with sub-regulation (1) of this regulation.

(3) No income from the investment of such money shall be expended for the enlargement of the cemetery.

26. (1) Every owner of a cemetery operated for gain or profit shall provide perpetual care and maintenance for the entire cemetery.

(2) Every such owner shall appropriate for the purpose of providing money for such perpetual care and maintenance an amount equal to at least 15 per centum of the sale price or 10 cents for every square foot of surface area whichever is the greater, of every cemetery lot sold by such owner, and shall invest such money in accordance with subsection 5 of section 15 of *The Cemetery Act* and regulation 25; provided that an owner directed by the Minister so to do shall increase the amount of such appropriation.

FINANCIAL STATEMENT

27. Every owner of a cemetery operated for gain or profit shall file annually with the Department an audited financial statement in respect of the operation of the cemetery during the preceding financial year.

28. Every owner shall, at the request of the Minister, forthwith furnish the Minister with such information as the Minister may require in respect of the cemetery and the care and management thereof.

STATUTES

29. Where any Act conflicts with these regulations, the former shall prevail.

30. These regulations may be cited as *The Cemetery Regulations, 1941.*

Copy of an Order-in-Council, approved by the Honourable the Lieutenant-Governor, dated the 25th day of March, A.D., 1941.

Upon the recommendation of The Honourable the Minister of Health, the Committee of Council advise that the regulations made pursuant to section 127 of *The Public Health Act, R.S.O., 1937,* Chapter 299, respecting camps, works and premises, and the employers and workmen thereof in territorial districts without municipal organization, be amended by repealing regulations numbered 20 to 26 inclusive, and by substituting therefor the regulations numbered 20 to 26 inclusive hereunto attached.

Certified,

C. F. BULMER,
Clerk, Executive Council.

Copy of an Order-in-Council, approved by the Honourable the Lieutenant-Governor, dated the 16th day of December, A.D., 1941.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that the regulation made pursuant to section 127 of *The Public Health Act, R.S.O., 1937,* Chapter 299, respecting camps, works and premises, and the employers and Workmen thereof in territorial districts without municipal organization, approved by Your Honour on August 18th, 1938, and amended by Order-in-Council dated March 25th, 1941, be further amended by adding at the end of subsection (*b*) of section 26 of the said regulations, the following words: "and where the workman is not indigent and is not receiving hospital care, the employer shall be responsible and liable for providing only medical and surgical care for the said period;" so that the said subsection shall now read as follows:—

"In cases where any workman has been in his employ for three months or more out of the six months immediately preceding the need for medical, surgical or hospital care arising, the employer shall be responsible and liable for providing such care and for the maintenance of the workman for a period not exceeding thirty days, and where the workman is not indigent and is not receiving hospital care, the employer shall be responsible and liable for providing only medical and surgical care for the said period."

Certified,

C. F. BULMER,
Clerk, Executive Council.

Regulations Respecting Camps, Works and Premises and the Employers and Workmen thereof in Territorial Districts without Municipal Organization

Pursuant to Section 127 of *The Public Health Act.*

Medical, Surgical and Hospital Care of Workmen

20. (1) Every employer of workmen in a standard camp may enter into a medical contract with a contract physician for medical, surgical and hospital care of workmen in his employ, but whether or not any such contract is entered into, the duty of providing medical, surgical and hospital care and treatment and maintenance while under such care or treatment for every workman in the employ of such an employer shall primarily be and remain the responsibility of the employer subject to the limitations hereinafter set out whether or not such workmen are housed in the camp and whether or not such workmen reside in an unorganized district.

(2) In the case of an employer or a number of employers with camps located in a group who usually employ more than five hundred workmen, the Minister may authorize an arrangement whereby the employer or employers may use the sums deducted from the wages of workmen in their employ for the establishment and maintenance of an industrial medical service, including such particulars as the Minister may direct and authorize.

(3) Where a standard mining camp is located in close proximity to or with ready means of access to established medical, surgical and hospital services and upon submission to the Department of arrangements by an employer for medical, surgical and hospital care of his employees the Minister may authorize that section 21 shall not apply except that all sums deducted from wages for medical, surgical and hospital care shall be applied to that purpose, but the Minister may at any time by notice in writing to such employer revoke such authorization.

(4) When an employer has entered into a medical contract he shall notify every workman in his employ of the name and address of the contract physician.

21. (1) During the currency of a medical contract or an arrangement authorized by the Minister under section 20, subsection 2, an employer may deduct and retain from the pay or wages due to any workman entitled to the benefits of such contract a sum not exceeding $1 per month commencing from his first pay and once a month thereafter during the period of employment, and all sums so deducted and retained shall, without rebate or reduction, be paid monthly by the employer to the contract physician, or as the Minister may authorize in an arrangement under Section 20, subsection 2.

(2) The employer shall keep records showing a separate accounting of all sums deducted from the wages of workmen in his employ for medical and surgical care, and showing the disbursement of such sums, and such records shall be open to inspection at any reasonable time by the contract physician or an inspector.

(3) The Department may require statements signed by the employer showing, for such period of time as the Department may deem necessary, the number of workmen employed by the employer, the number of such workmen from whose wages any deduction for medical and surgical care has been made by the employer, the sums deducted by the employer from the wages of workmen in his employ for medical and surgical care, the sums paid pursuant to a medical contract to a contract physician, the sums paid pursuant to a santitation contract to a contract physician, and the sums paid pursuant to an arrangement under section 20, subsections 2 and 3.

(4) The Department may authorize any inspector or any officer of the Department to inspect and audit the payrolls and books of any employer insofar as they are affected by these regulations.

22. (1) Every contract physician entering into a medical contract with an employer shall supply medical and surgical care, treatment and medicine to every workman of the employer entitled thereto under the terms of the contract and in accordance with these regulations unless the contract as approved by the Department specifies otherwise.

(2) Every contract physician shall report at the end of each month to the Department on the physician's report form all cases of sickness and non-industrial accidents among employees under his care.

(3) Every contract phsysician who employs or engages any other physician to perform any services other than consultant services in connection with the medical contract shall notify the Department and the Department may require the employer, contract physician and other physician, or any of them, to furnish such information as may be necessary and may require further or other contracts to be entered into.

23. The contract physician shall cause a notice to be posted in a camp a reasonable time in advance of his visits to such camp so that the workmen in the camp may have an opportunity to consult him.

24. (1) Every employer shall provide facilities for the isolation of workmen suffering from a communicable disease, to the satisfaction and approval of an inspector, and the employer or contract physician shall arrange for general hospital accommodation and facilities where necessary for the treatment of workmen suffering from sickness or injury.

(2) The employer shall provide and pay for transportation of any workman when necessary for medical and surgical treatment to which he is entitled under these regulations except as provided in Section 26 (*g*).

25. Within a reasonable time after the admission of any workman as a patient in a public hospital, the superintendent of the hospital shall notify the employer of the workman of such admission, giving such particulars as may be ascertainable to enable the employer to identify the employee, and in the event that the superintendent neglects to notify the employer, the Department may exempt the employer from any liability imposed upon him by these regulations for the maintenance charges for maintaining the workman in the hospital.

26. The responsibility and liability of an employer under the provisions of regulations 20 to 24 shall be subject to the following limitations:

(*a*) In cases where the workman has been in his employ for less that three months out of the six months immediately preceding the need for medical, surgical or hospital care, arising, and the illness and consequent inability to work as the result of a chronic or degenerative disease or of an infection or defect arising prior to the commencement of employment, the employer shall be responsible only to return and pay the cost of return of the workman to the municipality in which he was last resident in Ontario within the meaning of *The Public Hospitals Act*, or, in the event of no such residence existing and the workman, being without means, the employer shall be responsible for returning and paying the cost of return of the workman to the place from which he was engaged, and for providing such medical care and treatment and maintenance as the workman may need until he is returned to such municipality or other place.

(*b*) In cases where any workman has been in his employ for three months or more out of the six months immediately preceding the need for medical, surgical or hospital care arising, the employer shall be responsible and liable for providing such care and for the maintenance of the workman for a period not exceeding thirty days, and where the workman is not indigent and is not receiving hospital care, the employer shall be responsible and liable for providing only medical and surgical care for the said period.

(*c*) In cases where the workman becomes ill and by reason thereof need for medical, surgical or hospital care and treatment arises within thirty days after the workman has ceased employment with the employer and such illness is proved to have originated or been occasioned during the course of such employment and such workman is an indigent person the employer shall be responsible and liable for such medical, surgical and hospital care and for the maintenance of the workman within the period of thirty days after such workman has ceased employment and not afterwards, provided that if the workman had not completed one month's employment in the camp of the operator the employer will have no responsibility after employment ceases.

(*d*) In cases of communicable disease coming under Section 26, subsections (*b*), (*c*) and (*g*), the employer shall be responsible for a period not exceeding ninety days.

(*e*) The employer shall not be liable for the payment of the charges for treatment of any workman in a sanatorium under *The Sanatoria for Consumptives Act*.

(*f*) In cases where the workman is suffering from an accident for which the employer is not responsible under *The Workman's Compensation Act*, the employer shall be responsible and liable for medical and surgical care and treatment, but not for maintenance in any hospital.

(*g*) Should the workman while away from the area served by the contract physician suffer an accident for which the employer is not responsible under *The Workmen's Compensation Act* or become sick with other than a communicable disease, he shall not be entitled to treatment under the regulations unless he returns to the camp or other place of residence from which he carries on his work or unless he returns to a hospital serving the area.

Copy of an Order-in-Council, approved by the Honourable the Lieutenant-Governor, dated the 29th day of March, A.D., 1941.

Upon the recommendation of the Honourable H. C. Nixon, Acting Minister of Health, the Committee of Council advise that Your Honour, pursuant to section 5 of *The Public Health Act*, approve the attached regulations entitled "Regulations for the Prevention and Mitigation of Psittacosis."

Certified,

C. F. Bulmer,
Clerk, Executive Council.

Copy of an Order-in-Council, approved by the Honourable the Lieutenant-Governor, dated the 29th day of January, A.D., 1942.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that the Regulations for the Prevention and Mitigation of Psittacosis made under authority of *The Public Health Act, R.S.O., 1937*, Chapter 299, and approved by Your Honour on the 29th day of March, 1941, be revoked and the Regulations attached hereto be approved and substituted therefor.

Certified,

C. F. Bulmer,
Clerk, Executive Council.

Regulations for the Prevention and Mitigation of Psittacosis

1. In these regulations:

(*a*) "Owner" shall include every person for the time being in control of any psittacine bird.

(*b*) "Psittacine bird" shall mean parrot, parrakeet, love bird or budgerigar, and every other bird declared a psittacine bird by the Minister of Health.

2. Every owner, including dealers and breeders, shall report to the medical officer of health of the municipality in which he resides the number of psittacine birds under his control and the address of the premises where such birds are kept, together with such other information as the medical officer of health shall require.

3. Every dealer and every breeder of psittacine birds shall register with the Department of Health his name and address and the address of the premises where he keeps psittacine birds and shall disclose to the Department of Health upon request any information available to him as to the sources from which he secures or has secured any psittacine bird, and shall upon request give a record of the disposal by him of any psittacine bird.

4. Every dealer and every breeder of psittacine birds shall keep a record of the source from which he secured any psittacine bird and a record of the disposal of any psittacine bird and shall report immediately such sale or transfer to the medical officer of health. Further, every such dealer and breeder shall provide for the identification of psittacine birds by banding with a closed band every young psittacine bird coming into his possession.

5. After October 1st, 1941, no owner shall sell or otherwise dispose to any other person a psittacine bird which is not banded with a closed band.

6. Birds born on and after January 1st, 1942, must bear the band distributed by the Ontario Department of Health.

7. Every owner of a psittacine or other bird which is infected with psittacosis, or is a carrier thereof or which has at any time been kept on the same premises as a psittacine bird which was infected with psittacosis or which was a carrier thereof shall deliver such bird to the medical officer of health to be disposed of by the medical officer of health in such manner as the medical officer of health shall determine.

8. No breeder of psittacine birds shall permit colony breeding.

9. The medical officer of health or other person appointed by him in writing for that purpose, may enter in and upon any house, out-house or premises, at any time, for the purpose of making enquiry and examination with respect to the health of any psittacine or other bird known or suspected to be therein and may cause the destruction of every psittacine or other bird found to be infected or believed to be infected with psittacosis and may cause the destruction of any or every psittacine or other bird that has been in the same premises and may cause the cages and utensils which have been used by such bird to be disinfected.

10. Every breeder or dealer of psittacine birds shall deliver at any time upon request of the medical officer of health or any other person appointed by him in writing, for the purpose of laboratory investigation, ten per cent of the birds in his control.

DIVISION OF MEDICAL STATISTICS

A. H. Sellers, M.D., D.P.H., Director.

Extended leave of absence for service with His Majesty's Forces (R.C.A.F.) was granted to Dr. A. Hardisty Sellers, Director of the Division of Medical Statistics on November 12, 1940. C. Roger Myers, M.A., Ph.D., became Acting Director, following Dr. Sellers' absence, and on November 15th, 1941, was also granted leave of absence for service Overseas. The remaining staff are endeavouring to carry on the regular work of the Division in much the same way as in previous years, comprising the collection, analysis and reporting of statistical information relating to public health in Ontario. The work of this Division may be divided into four classes—Statistical Analysis relating to Mental Hospitals, Public Hospitals, Cancer Control, and Special Problems. A more detailed explanation of this work follows.

1. Mental Hospital Statistics.

(*a*) *Monthly Surveys and Reports.*

Monthly statements relating to the movement of patient population, accidents, etc., are submitted to the Division by each Ontario Hospital. From these statements are compiled monthly reports indicating the trend of the patient population—whether the patient population has increased or decreased as compared with the same period during the previous years. In addition a report showing the type of accidental injuries and the manner in which they occurred is prepared each month together with periodic analysis of admission, discharges, etc., and surveys concerning bed occupancy.

(*b*) *Annual Report.*

Each Ontario Hospital also submits an annual report comprising some 30 statistical tables concerning the movement of the hospital population during the year. This report together with other information dealing with dental, laboratory, nursing and X-ray services comprises the annual report for mental hospitals.

(*c*) *Mental Health Clinics.*

In previous years the coding and tabulation of the individual Mental Health Clinic records was carried on by the Division. Beginning this year each clinic has submitted a uniform statistical report in much the same manner as do the Ontario Hospitals. The results of this analyses will be found in the Annual Report of the Hospitals Division for the year ending March 31, 1941.

(*d*) *Mental Hospital Index.*

The alphabetical index covering all males between the ages of 16-44 years who have been patients in Ontario Mental Hospitals, or who have been examined by Ontario Mental Health Clinics which was commenced in November, 1939, has been continued. This index now provides a complete record of all persons and is readily available in the event of enquiry by National Defence authorities.

2. Survey of Public General Hospitals.

The Survey of Public General Hospitals in Ontario which was commenced in 1936 involved a review of general and financial statistics on hospitalization in the Province and an analytical study of the records of 70,000 hospital patients.

This survey was presented in four parts—*Part II*, "*General Statistics*," and *Part III*, "*Financial Statistics*," were issued in 1939. *Part IV*, "*Special Morbidity Studies*," and *Part V*, "*Hospital Morbidity and Its Causes*"were issued in 1940. Part I which is to be a summary is nearing completion and will be available early in 1942.

3. Cancer Statistics.

(*a*) *Cancer Clinics.*

The collection and tabulation of statistical information concerning Cancer Control has been one of the foremost responsibilities. Arrangements were made with the seven Ontario Cancer Centres whereby the follow-up cards for all patients examined at the clinics during the year are forwarded to the Division for analysis. An Annual Report of the findings will be found on page 120 of the Annual Report of the Department of Health.

All deaths occurring among patients treated for cancer in the clinics were checked against the official death certificates by the Division. An effort has been made in this and other ways to assist the clinics to complete their follow-up of patients.

(*b*) *Cancer Morbidity.*

In view of the need for futher information concerning the number of persons alive with cancer in a certain district during a given period, a survey of all diagnosed cancer cases in the County of Middlesex was made in 1940. Suitable forms were sent to all physicians and hospitals in the county with a request for further information concerning all cases of cancer (or probable cancer) which had been seen during the calendar year. All reports have now been received and the analysis is now in progress. Of the total of 698 cases of cancer seen, observed or treated during the year, 407 or 58 per cent. were seen for the first time in 1939. The rate per 10,000 population for the 698 cases amounts to 53.9. Cancer of the skin is the leading site with 23.6 per cent. of the cases, followed by cancer of the digestive tract 22.9 per cent., cancer of the breast 17.2 per cent., and cancer of the genital organs 15.3 per cent.

(*c*) *Cancer in Ontario Public Hospitals.*

An analysis of cancer cases treated in Ontario Public Hospitals during 1939, is now in process of completion. A total of 9,597 cases (including 4,891 cases of cancer and 4,402 cases of benign tumours) have been reported through the monthly hospital returns. When complete this survey will show the relation between site of cancer and age, sex, residence, first and re-admission, days stay in hospital, type of patient and mortality. It is expected that the results of this survey will be available in 1942.

4. Special Problems.

(*a*) *Insulin and Mentrazol Treatment in Ontario Hospitals 1937-1941.*

During the year the Hospitals Division undertook an analysis of the results of "Shock Therapy" in the treatment of the mentally ill. For a period of more than four years, over fifteen hundred patients in Ontario Hospitals were given one or more courses of this treatment. The tabulation and processing of this information was undertaken by the Division of Medical Statistics. A preliminary report has already been prepared. At the present time a follow-up of these same patients is in progress and it should be possible in the near future to arrive at a clearer and more definite appraisal of the value of these "Shock Therapies" in the treatment of the mentally ill.

(*b*) *Chief Causes of Death.*

Following the procedure of previous years, the Division has prepared a bulletin concerning the chief causes of death in Ontario for the year 1940. This bulletin was sent to the Medical Officers of Health in the larger communities throughout the Province. The data are appended to the present report: (See below.)

(*c*) *Miscellaneous.*

The Division also endeavours to assist other Divisions of the Department in respect to various requests for statistical information. It is significant that a large proportion of the work done by the Division takes the form of prompt and accurate replies to such requests. In addition to this the preparation of charts, diagrams, and maps for special purposes, constitute another type of useful statistical service. Such work is of recognized value to the other Divisions in dealing with their administrative, research and educational problems.

THE CHIEF CAUSES OF DEATH IN ONTARIO DURING 1940

The following tables are based on the official records of the Dominion Bureau of Statistics and show in summarized form the chief causes of death in Ontario for the year 1940.

A crude death rate of 10.23 per 1,000 estimated population is given for the year 1940, as compared with a rate of 10.00 per 1,000 population in 1939. Any interpretation of this slight increase should take into account the significant fact that the population of the province is slowly but steadily becoming older. That is to say, the proportion of the population in the older age groups: (60 and over) is increasing each year and the frequency and duration of illness is more pronounced in these age groups. This change in population structure is evident when a comparison of the proportion of deaths at various ages is viewed. The significant decrease among the earlier ages of deaths from tuberculosis, pneumonia and bronchitis, and also in infant mortality during the last few years, of course, tend to, but do not quite, balance the total rate.

Table I shows the twenty chief causes of death for the year. For each cause is shown the number of deaths recorded, the specific death rate per 100,000 population and the per cent. of all deaths due to the specified cause. When taken together, these twenty principal causes contributed 32,933 deaths or 85.5 per cent. of all deaths recorded for the year.

TABLE 1.

CHIEF CAUSES OF DEATH—ALL AGES

ONTARIO—1940

Rank	Cause of Death	Int'l List Numbers	Number of Deaths	Specific Death Rate*	Per Cent. of Total Deaths
1.	Diseases of the heart	90-95	8,546	227.1	22.2
2.	Diseases of the arteries	96-99	4,864	129.3	12.6
3.	Cancer (all forms)	45-53	4,847	128.8	12.6
4.	Accidental causes	176-195	2,530	67.2	6.6
5.	Pneumonia and bronchitis	106-109	2,080	55.3	5.4
6.	Nephritis	130-132	1,958	52.0	5.1
7.	Tuberculosis (all forms)	23-32	1,011	26.9	2.6
8.	Idiopathic abnormalities of blood pressure	102	1,011	26.9	2.6
9.	Prematurity	159	952	25.3	2.5
10.	Cerebral haemorrhage, embolism and thrombosis	82	901	23.9	2.3
11.	Diabetes mellitus	59	691	18.4	1.8
12.	Influenza	11	611	16.2	1.6
13.	Congenital malformations	157	538	14.3	1.4
14.	Diseases of the prostate	137	486	12.9	1.3
15.	Suicide	163-171	340	9.0	0.9
16.	Hernia, intestinal obstruction	122	339	9.0	0.9
17.	Senility	162	339	9.0	0.9
18.	Ulcer of stomach and duodenum	117	325	8.6	0.8
19.	Anaemia (all forms)	71	286	7.6	0.7
20.	Diarrhoea, enteritis and dysentery	13, 119 & 120	278	7.4	0.7
	Total		32,933	8.75†	85.5
	All other causes		5,570	1.48†	14.5
	Grand Total		38,503	10.23†	100.0

*Rates per 100,000 estimated population (3,763,000)

†Rates per 1,000 estimated population.

Diseases of the heart, arteries and kidneys together contributed 15,368 deaths or 39.9 per cent. of all deaths recorded for the province in 1940. The increase over the past number of years of these causes of death should be viewed with caution as a large percentage of the rise is due partly to improvement in the accuracy of diagnosis and partly to changes in the age structure of the population (See above).

Cancer in 1940 ranks third, one place below its position in 1939, although the number of deaths has increased from 4,567 deaths, a rate of 121.7 in 1939 to 4,847 deaths or a rate of 128.8 in 1940. One-third of all Cancer deaths occurred at ages under 60 years, and over 60 per cent. under 70 years. In this connection it is noteworthy that over 2,000 cancer cases are being treated each year in the seven Ontario Cancer Centres. Much can be accomplished, especially in cancer of certain sites, if diagnosis and established methods of treatment are effected promptly.

Accidents continue to contribute substantially to the annual death rate. In 1940, 2,530 deaths, a rate of 67.2 per 100,000 population, were classed to accidents. From age one to 19 years accidents rank *first* as a cause of death, and are exceeded only by diseases of the heart at ages 20-49 years. The fact that there is no disease which constitutes as common a *preventable* cause of death as do accidents makes it one of the most important problems in the health field to-day.

Respiratory Disease mortality showed a substantial decrease in 1940, due mainly to a marked drop in deaths from influenza. During 1939, 1,190 deaths were recorded to this disease with a specific death rate of 31.7 per 100,000 population, whereas in 1940 the figures dropped to 611 deaths, a rate of only 16.2 per 100,000 population. Deaths from pneumonia and bronchitis continue to show a decrease, there being 2,080 deaths, a rate of 55.3 per 100,000 population in 1940 as compared with 2,259 deaths or 60.2 per 100,000 population in 1939. Over 20 per cent. of all deaths from pneumonia and bronchitis were at ages under 5 years and 60 per cent. at age over 60 years.

Tuberculosis mortality continues to decrease. A new low for Ontario was reached in 1939 with 1,085 deaths from tuberculosis or a rate of 28.9 per 100,000 population. In 1940 a further decrease was recorded with only 1,011 deaths or a rate of 26.9 per 100,000 population. Of paramount importance is the fact that over one-half of all tuberculosis deaths were at ages 20-49 years and that 82 per cent. of such deaths occurred at ages under 60 years. At the beginning of the last war the recorded death rate from tuberculosis was 87 per 100,000 population while in 1940 the rate amounted to only 27 per 100,000 population. Simultaneous with the above reduction in mortality from this disease is the concentration of case finding and the hospitalization of patients for early treatment. The available bed accommodation in sanatoria has increased over 60 per cent. even in the last ten years. The Government's present provision for the maintenance of all patients in sanatoria, the recent pasteurization legislation and the operation of travelling clinics throughout the province, together promise a still further reduction of tuberculosis among the population. It should always be kept in mind, however, that tuberculosis still ranks high among those of earlier ages.

Prematurity. Of a total of 2,959 deaths of infants under one year of age, 952 or 32 percent. were attributed to this cause, illustrating the importance of further efforts to reduce the underlying factors responsible for premature birth. This is an increase of only 13 deaths over those of 1939.

Diabetes ranks eleventh in the list of chief causes of death with 91 per cent. of these deaths among persons 50 years of age and over.

Diarrhoea, enteritis and dysentery was recorded as the cause of 278 deaths during 1940. Nearly one-half of these deaths were of infants under one year of age. The rate of 7.4 per 100,000 population in 1940 shows a marked decrease when compared with the rate of 11.1 per 100,000 population in 1939.

In table II are presented the eight chief causes of death for various groups. In this table is given the number of deaths from each specified cause, the percentage of the deaths which were due to that cause, the number of deaths from a specified cause at all ages and the per cent. of all deaths from the specified cause which occurred in the specified age group.

TABLE II.

CHIEF CAUSES OF DEATH—CERTAIN AGE GROUPS

ONTARIO—1940

Cause of Death	Deaths in in Age Group	Percent. of Deaths in Age Group Due to a Specified Cause	Deaths Due to a Specified Cause at All Ages	Percent. of Deaths Due to a Specified Cause in Age Group
Age—Under 1 year	2,959	.....	.....	.....
1. Prematurity	952	32.2	952	100.0
2. Congenital malformations	460	15.5	538	85.5
3. Pneumonia and bronchitis	356	12.0	2,080	17.1
4. Injury at birth	256	8.7	256	100.0
5. Dis. peculiar to early infancy*	246	8.3	246	100.0
6. Diarrhoea, enteritis and dysentery	135	4.6	278	48.6
7. Accidental causes	91	3.1	2,530	3.6
8. Influenza	76	2.6	611	8.3
Totals for 1-8	2,572	86.9	7,491	34.3
Ages—1-4 years	608	.....	.....	.....
1. Accidental causes	147	24.2	2,530	5.8
2. Pneumonia and bronchitis	119	19.6	2,080	5.7
3. Diarrhoea, enteritis and dysentery	35	5.8	278	12.6
4. Influenza	30	4.9	611	4.9
5. Tuberculosis (all forms)	28	4.6	1,011	2.8
6. Congenital malformations	26	4.3	538	4.8
7. Whooping Cough	19	3.1	69	27.5
8. Appendicitis	18	3.0	276	6.5
Totals for 1-8	422	69.4	7,393	5.7
Ages—5-14 years	643	.....	.....	.....
1. Accidental causes	119	18.5	2,530	4.7
2. Acute rheumatic fever	45	7.0	211	21.3
3. Tuberculosis (all forms)	41	6.4	1,011	4.1
4. Pneumonia and bronchitis	35	5.4	2,080	1.7
5. Appendicitis	35	5.4	276	12.7
6. Diseases of the heart	23	3.6	8,546	0.3
7. Leukaemia and aleukaemia	19	3.0	190	10.0
8. Congenital malformations	17	2.6	538	3.2
Totals for 1-8	334	51.9	15,382	2.2
Ages—15-19 years	490	.....	.....	.....
1. Accidental causes	154	31.4	2,530	6.1
2. Tuberculosis (all forms)	64	13.1	1,011	6.3
3. Diseases of the heart	30	6.1	8,546	0.4
4. Appendicitis	26	5.3	276	9.4
5. Pneumonia and bronchitis	22	4.5	2,080	1.1
6. Puerperal state	21	4.3	254	8.3
7. Cancer (all forms)	19	3.9	4,847	0.4
8. Acute rheumatic fever	17	3.5	211	8.1
Totals for 1-8	353	72.0	19,755	1.8

*Under three months of age.

TABLE II (Continued)

CHIEF CAUSES OF DEATH—CERTAIN AGE GROUPS

ONTARIO—1940

Cause of Death	Deaths in Age Group	Percent. of Deaths in Age Group Due to a Specified Cause	Deaths Due to a Specified Cause at All Ages	Percent. of Deaths Due to a Specified Cause in Age Group
Ages—20-49 years	5,134	.....	.....	.....
1. Diseases of the heart	775	15.1	8,546	9.1
2. Accidental causes	709	13.8	2,530	28.0
3. Cancer (all forms)	669	13.0	4,847	13.8
4. Tuberculosis (all forms)	515	10.0	1,011	50.9
5. Puerperal state	232	4.5	254	91.3
6. Nephritis	207	4.0	1,958	10.6
7. Pneumonia and bronchitis	184	3.6	2,080	8.8
8. Abnormalities of blood pressure	100	1.9	1,011	9.9
Total for 1-8	3,391	66.0	22,237	15.2
Ages—50-59 years	4,752	.....	.....	.....
1. Diseases of the heart	1,248	26.3	8,546	14.6
2. Cancer (all forms)	1,011	21.3	4,847	20.9
3. Accidental causes	253	5.3	2,530	10.0
4. Diseases of the arteries	251	5.3	8,546	2.9
5. Nephritis	247	5.2	1,958	12.6
6. Abnormalities of blood pressure	184	3.9	1,011	18.2
7. Tuberculosis (all forms)	152	3.2	1,011	15.0
8. Pneumonia and bronchitis	139	2.9	2,080	6.7
Total for 1-8	3,485	73.3	30,529	11.4
Ages—60-69 years	7,168	.....	.....	.....
1. Diseases of the heart	2,124	29.6	8,546	24.9
2. Cancer (all forms)	1,258	17.6	4,847	26.0
3. Diseases of the arteries	760	10.6	4,864	15.6
4. Nephritis	393	5.5	1,958	20.1
5. Pneumonia and bronchitis	286	4.0	2,080	13.8
6. Abnormalities of blood pressure	277	3.9	1,011	27.4
7. Accidental causes	268	3.7	2,530	10.6
8. Diabetes	222	3.1	691	32.1
Total for 1-8	5,588	78.0	26,527	21.1
Ages—70 years and over	16,734	.....	.....	.....
1. Diseases of the heart	4,339	25.9	8,546	50.8
2. Diseases of the arteries	3,780	22.6	4,864	77.7
3. Cancer (all forms)	1,865	11.1	4,847	38.5
4. Nephritis	1,067	6.4	1,958	54.5
5. Pneumonia and bronchitis	939	5.6	2,080	45.1
6. Accidental causes	704	4.2	2,530	27.8
7. Cerebral haem., emb. and thrombosis	520	3.1	901	57.7
8. Abnormalities of blood pressure	449	2.7	1,011	44.4
Total for 1-8	13,663	81.6	26,737	51.1

Infancy. The decrease in infant mortality from year to year is striking. As recently as 1915 the loss of life among infants under one year of age stood at 74 per 1,000 live births. In 1940 this rate had decreased to only 43 per 1,000 live births. Perhaps one of the foremost improvements in public health is this reduction of infant mortality. Ontario has now one of the lowest infant mortality rates in the world. Leading causes of infant death remain the same—prematurity, congenital malformations, injury at birth and other diseases peculiar to early infancy contributed 65 per cent. of all deaths during the first year of life.

Pre-School Age. Accidental causes remain the leading cause of death in this age group there being 147 deaths or 24 per cent. of the total deaths for this group. Pneumonia and bronchitis increased over last year in this age group. In 1939 pneumonia and bronchitis deaths comprised only 14 per cent. of the deaths, whereas in 1940 the percentage amounted to 20 per cent.

School Age. Accidental causes again is the leading cause of death for this age group (5-14 years). Acute rheumatic fever which last year was fifth on the list and contributed 4.7 per cent, of the deaths, advanced to second on the list for 1940 with 7.0 per cent. of the total. Appendicitis dropped from second place in 1939 to fifth place in 1940, the percentage being for each year respectively 8.1 per cent. and 5.4 per cent. Of striking importance is the fact that accidental causes equalled the sum of the deaths from acute rheumatic fever, tuberculosis and pneumonia and bronchitis.

Adolescence. The three leading causes of death for this age group are accidental causes, tuberculosis (all forms) and diseases of the heart. In the case of accidental causes, an increase of 6.4 per cent. over last year is noteworthy. Tuberculosis comprised only a fraction of a percentage less (0.2 per cent.) of the total deaths for this group, than last year. The increase of diseases of the heart for 1940 (6.1 per cent.) over 1939 (3.7 per cent.) is striking. Other causes in causes in order of importance were appendicitis, pneumonia and bronchitis and diseases of the puerperal state.

Ages 20-49 years. Diseases of the heart is the leading cause of death for the age group 20-49 years with 775 deaths and 15.1 per cent. of the total deaths for this particular age group. Accidental causes followed a close second with 13.8 per cent. of the deaths. Cancer, too often regarded as a disease of later life, was responsible for 13.0 per cent. of the deaths in this age group. Tuberculosis ranks fourth as a cause of death for this group, contributing 515 deaths or 10.0 per cent. of all deaths at these ages.

Ages 50 and over. In the age group 50 and over, diseases of the heart, arteries and cancer assume the greatest prominence. Over one-quarter of all deaths at ages 50-59 years were due to diseases of the heart. Cancer contributed over one-fifth of all deaths at ages 50-59 years. At ages 60-69 years and 70 years and over, diseases of the heart were responsible for 30 per cent. and 26 per cent. respectively of all deaths at these ages. Cancer deaths at ages 60-69 years amounted to 17.6 per cent. of all deaths at those ages. At ages 70 years and over, diseases of the arteries contributed 22.6 per cent. of the deaths, and were second only to disease of the heart (25.9 per cent.).

This review on the mortality picture in Ontario during 1940 is intended to bring out certain of the more important highlights in the public health field. Especially noteworthy during 1940 were:—

(A) A new low in the tuberculosis death rate—26.9 per 100,000 population.

(B) A new low in the infant motality rate—43.2 per 1,000 live births.

(C) A new low in the pneumonia and bronchitis death rate—55.3 per 100,000 population.

THE LIBRARY OF THE DEPARTMENT OF HEALTH

FREDRITA HENLEY WRIGHT, *Librarian.*

The second year of war has brought increased opportunities for service to the Library. Administrative problems, changing techniques in the prevention and control of disease, development of industrial health services and all branches of civilian defence, including nutrition, have been chief among the subjects for which information has been requested. In our attempt to keep our files up to the minute we have endeavoured to secure copies of pertinent and authoritative reports immediately upon publication.

In reviewing the year, we feel gratified that the Library has been able to make such a valuable contribution to the war effort.

The regular work of servicing the various departmental divisions and personnel has been continued.

ACCESSIONS

During 1941 the following accessions were made:

CENTRAL LIBRARY

Books purchased	68
Journals	144 vols.
Reports	106
Pamphlets	1,337
	1,655

Subscriptions to journals for the year numbered 100; while the library received 23 complimentary subscriptions; a total of 123.

ONTARIO HOSPITALS

Books purchased	
Medical and Air Raid	145
Fiction	
New	56
Library discards	410
Journal subscriptions	101
Year Books	9
Periodicals	
New (subscriptions)	128
Unsold copies	8,175 approx.
Newspapers (subscriptions)	90
	9,124

LOAN SERVICE

There were 5,509 loans made by the Central Library during 1941, an increase of 112 over the previous year when the loans reached a total of 5,397. Within the immediate Department requests for loans reached a total of 4,428. To the outside service the Central Library forwarded 1,081 references. The loan service from the Central Library is extended to: Physicians, Nurses, Occupational Therapists and Dietitians connected with the hospital administration; the Directors and staffs of the Mental Hygiene Clinics; and the Directors and staffs of the Branch Laboratories.

CIRCULATION OF JOURNALS

The regular circulation of journals was maintained during the year. Journals were circulated to the Clinicians in charge of the Provincial Travelling Chest Clinics at Belleville, Ottawa, Fort William and Timmins and to the Tuberculosis Unit at the Ontario Hospital, Woodstock.

Journals containing articles dealing with metrazol in the treatment of schizophrenia were circulated, immediately upon receipt, to those Ontario Hospitals doing special work on this disease.

The Branch Laboratories also received a regular circulation service. Scientific and medical journals on cancer research were forwarded regularly to the Ensol Laboratory at Kingston.

PATIENTS' LIBRARIES

The interest of the Central Library in procuring reading material for patients in the Ontario Hospitals was continued during 1941. In this endeavour the following literature was placed at the disposal of the patients.

Books: The Central Library purchased 410 library discards and 56 new books which were shipped to the Ontario Hospitals.

Periodicals: The Central Library placed 101 annual subscriptions to periodicals for the exclusive use of the patients. Arrangements were also made with a Toronto news agency for the purchase of unsold periodicals, upon special terms. Under this plan approximately 8,175 copies were delivered to the patients' libraries.

Newspapers: The Central Library placed 90 subscriptions to various Provincials newspapers for the sole use of the patients. In addition 3,300 unsold copies of papers were donated to the patients through the kindness of Toronto publishers who delivered them to the Central Library where they were apportioned and re-shipped to the hospitals.

ONTARIO HEALTH OFFICERS' ASSOCIATION

The Central Library again presented an exhibit at the Annual Convention of the Ontario Health Officers' Association. Books on all phases of public health work were selected from the shelves of the Central Library. Public Health pamphlets and other literature, issued by the Department, were also exhibited, thus enabling the members to make a note of the publications they may need at a future date.

The library exhibit is planned particularly to give assistance to Medical Officers, Public Health Nurses, Public Health Engineers and Sanitary Inspectors in making a selection of reading material pertaining to their particular spheres of interest, and to give them an opportunity to examine the latest references.

The exhibit drew considerable interest and appreciation was expressed as to its value as a source of information.

DIVISION OF EPIDEMIOLOGY

H. A. Ansley, M.B., D.P.H., *Epidemiologist*

SECTION 1. ANNUAL SURVEY, 1941.

During 1941, thirty-one communicable diseases have been reported by the municipalities throughout the Province. Through the co-operation of the Armed Forces stationed in Ontario, all cases of communicable diseases are included in the weekly reports.

Of the major communicable diseases, Cerebro-Spinal Meningitis has shown a marked increase. Epidemics of this disease have long been associated with crowded living conditions, more particularly true under war conditions. Its association with war has been synonomous. The past year's experience in Ontario, however, has not presented the usual picture of epidemics amongst troops. The increased incidence has been amongst the civil population.

A higher trend in Diphtheria incidence noted in 1941 has been due in great measure to an epidemic in the Air Force at St. Thomas, where forty cases were reported before the outbreak was under control. The Scarlet Fever increase, likewise, was associated with outbreaks amongst the armed forces.

Twenty-one cases and two deaths from psittacosis were reported during the year. Seven of the cases had occurred during the latter part of 1940, and were only confirmed in 1941, following the positive report of a laboratory examination of blood from a patient. This Virus Disease is spread through contact with Psittacine birds; and due to the increased popularity of the birds in the Province, an outbreak appeared imminent amongst those exposed. With this in view, remedial steps were immediately taken to control the traffic in birds, with increased powers of regulation over the breeding and sale.

There was an increase in the number of cases of Poliomyelitis in 1941 over the corresponding period of last year. One-third of the cases reported in 1941 occurred in the counties of Huron and Bruce. The virus of Poliomyelitis has now been isolated from the stools of patients and from sewage. In one municipality in Ontario, specimens of stools were collected from abortive cases, contacts and controls (persons living in the area and having no contact with the cases or their contacts). Flies were also trapped in this area, and submitted for examination. The stool samples from the controls were submitted to Dr. Craigie, at the Connaught Laboratory, and the Poliomyelitis virus was recovered in the pooled sample. The importance of this work should materially aid further efforts to be made in the protection of food, especially during the summer months.

Enteric Disease again presented a lowered trend for 1941. For the past three years, the mortality rate for Typhoid Fever in Ontario has been less than 1 per 100,000, and the morbidity rate likewise has been exceptionally low. Two small outbreaks, of seven cases each, occurred during the year in rural areas; and epidemiological investigations point to contamination of well water as the cause. One outbreak of Paratyphoid Fever occurred during the year. There were no deaths. Both water and dairy products were eliminated. The cause was undetermined. Twelve Typhoid and Paratyphoid Fever carriers were discovered during the year, following epidemiological investigation of single cases of Typhoid Fever.

Requests from the Air Force for assistance in the control of communicable diseases were received and complied with. Two outbreaks of Scarlet Fever and one of Diphtheria occurred. However, these were controlled without any disruption of the air training plan, and before the disease spread to local municipalities.

TABLE I

CEREBRO-SPINAL MENINGITIS

Year	Cases	Deaths	Morbidity Rate	Mortality Rate	Case Fatality Rate
1937	67	27	1.8	.5	28.
1938	88	22	2.3	.3	15.
1939	64	18	1.6	.2	17.
1940	145	29	3.	.7	18.6
1941	501	71	13.3	1.9	14.

The morbidity rate for Cerebro-Spinal Meningitis has shown an increased incidence, world-wide in scope. The rising trend was commenced at the beginning of the war and was more evident in the European countries. Cerebro-Spinal Meningitis has not been epidemic in the army in Ontario, as compared with the 1916-18 period. The disease has been reported from all areas in the Province. When it became evident early in 1941 that the disease might reach epidemic proportions, a conference of health officers was held. It was decided to enforce quarantine of all breadwinners in households where cases had been reported. In a follow-up study of the cases, we have found not more than one case of the disease to a household. Case to case contact was unknown. There were no epidemics in schools, factories, or amongst the armed forces. The cases appeared sporadically in many municipalities. No one area appeared to be free.

TABLE II

DIPHTHERIA

Year	Cases	Deaths	Morbidity Rate	Mortality Rate	Case Fatality Rate
1937	506	39	13.	1.5	7.7
1938	234	12	6.	.3	5.1
1939	131	10	3.5	.2	7.6
1940	78	12	2.	.3	15.3
1941	200	13	5.3	.3	6.5

Over thirty per cent. of the cases of Diphtheria reported during 1940 were due to the outbreak of the disease at the Technical Training School at St. Thomas. The outbreak commenced early in April, when a request was made for aid in the control of an outbreak of sore throat. About eighteen of the cases were diagnosed as Diphtheria, and the school was immediately quarantined. The local medical officers in the district were notified. All men in the school, over 5,000, received a Schick and a reaction test, and nose and throat swabs were taken. All men susceptible to Diphtheria received one thousand units of Antitoxin, and also Diphtheria Toxoid. Fifty-five per cent. of the men were found to be susceptible to Diphtheria. Following this outbreak, a circular letter was sent to all Medical Officers in the Province, stressing the importance of Toxoid. The response was very satisfactory, and the demand for Toxoid during 1941 has exceeded previous years.

TABLE III

SCARLET FEVER

Year	Cases	Deaths	Morbidity Rate	Mortality Rate	Case Fatality Rate
1937	5581	50	154	1.3	.8
1938	5359	50	144	.3	.8
1939	6767	51	180	1.3	.7
1940	5696	26	151	.5	.4
1941	8155	20	216	.5	.25

The case fatality rate in Scarlet Fever has reached a new low. During the past five years, the death rate from Scarlet Fever is comparable to that of Measles. Early in 1941, outbreaks of the disease appeared amongst two units of the Air Force. In both units, the outbreak was accentuated by overcrowding, and the outbreak threatened to disrupt their training. Immunization against Scarlet Fever was suggested as a means of control.

Poliomyelitis

In 1941, 140 cases of Poliomyelitis were reported in the Province, a slight increase over the low incidence of 1940. The weekly incidence followed the median trend, with the exception of two weeks, the thirty-fifth and thirty-sixth.

An outbreak occurred in the Province of Manitoba during 1941, and seven cases reported from Northern Ontario in August and September had been visiting in this Western Province prior to their illness.

Forty-eight of the cases reported during the year developed in the counties of Huron and Bruce. Special epidemiological investigation was carried out in one municipality with the co-operation of the Medical Officer of Health. The final result of the investigation has not been completed. However, it was established that the poliomyelitis virus may be carried in the feces of persons who have had no contact with the cases; and the possibility of spread in this manner should not be overlooked. Adoption of sanitary methods applied to food handling, protection of food against flies, elimination of their breeding places. Sanitary disposal of garbage and night soil. Warning against bathing in questionable waters.

The generous policy of the Government of providing three weeks of free orthopedic care for paralyzed cases of Poliomyelitis, was taken advantage of by fourteen per cent. of the patients. Fifty-one patients, or 36.4% received the free splints and frames.

TABLE IV

TYPHOID FEVER

Year	Cases	Deaths	Morbidity Rate	Mortality Rate	Case Fatality Rate
1937	241	27	6.4	.7	11.2
1938	235	34	6.2	.9	14.2
1939	119	17	3.1	.4	14.3
1940	159	26	4.	.6	16.2
1941	133	8	3.5	.2	6.

Typhoid Fever, during the past five years, has maintained a very low incidence. In this five-year period, the mortality rate has constantly remained at a low level. During this period, there has been less than one death per hundred thousand of the population.

Two small outbreaks occurred during the year, which accounted for less than ten cases each and were in rural municipalities. Epidemiological investigation pointed to contaminated wells as the direct cause, as there was lack of evidence in both instances as to carrier infection.

Twelve carriers were discovered during the year, as a result of the investigations carried out on each case. Each of the carriers found had been responsible for only one case of Typhoid Fever and Paratyphoid Fever.

Whooping Cough

No. of Cases—7,229. *No. of Deaths—25.*

The incidence of Whooping Cough in 1941 has shown a definite increase over the corresponding period of 1940. However, it did not reach the peak of either 1936 or 1938, the two previous outbreak years. The distribution of cases was general throughout the province, and during the year enough Pertussis Vaccine was distributed to immunize over thirty-six thousand children. Many municipalities are now including this vaccine in their pre-school immunization plans.

Psittacosis

Early in 1941, Psittacosis was reported in Ontario, following the confirmation of a specimen of blood from a suspected case. Epidemiological investigation followed other suspect cases, with the result that over 80 of these cases were studied. Twenty-one cases and two deaths were confirmed. Many of the cases developed amongst dealers in Psittacine birds and among recent purchasers of a bird known as the Budgerigar. Important changes were made in the regulations governing the breeding, sale and registration of Psittacine birds in the province.

SECTION 1*a*:

TABLE V

FIVE YEAR INCIDENCE—REPORTED CASES AND DEATHS—ONTARIO
1937–1941

Disease	1937		1938		1939		1940		1941	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Actinomycosis	6	.....	2	1	2	.....	6	1	2	.....
Meningitis (Meningococcus)	67	27	88	22	64	18	145	29	501	71
Chickenpox	11,795	1	10,881	.....	11,133	2	15,993	2	12,257	.....
Conjunctivitis	6	1	13	.....	2	.....	6	.....	5	.....
Diphtheria	506	29	234	6	131	7	78	12	200	13
Dysentery (Bacillary)	103	9	162	8	53	4	104	2	49	3
Encephalitis (Lethargica)	11	11	11	8	9	10	8	2	9	6
Erysipelas	139	11	128	10	187	5	124	7	87	4
Gonorrhoea	3,481	1	4,188	1	4,125	.....	4,556	.....	5,539	.....
Influenza	13,330	185	943	31	8,284	137	3,327	17	3,722	55
Infectious Jaundice	89	2	701	2	502	3	110	1	54	.....
German Measles	913	.....	867	.....	1,160	.....	2,073	.....	30,249	.....
Measles	15,809	5	16,606	6	27,827	17	16,200	7	30,014	6
Mumps	9,696	.....	4,119	.....	3,296	.....	9,872	1	7,634	.....
Paratyphoid Fever	80	2	68	.....	58	1	51	1	44	.....
Pneumonia (all types)	1,020	2,585	1,221	2,185	1,207	2,076	1,036	1,685	704	1,494
Poliomyelitis	2,544	109	160	18	216	13	87	9	140	10
Psittacosis	.....	.....	.....	.....	.....	.....	1	1	21	2
Puerperal Sepsis	6	8	9	12	9	13	8	7	2	3
Scarlet Fever	5,581	27	5,359	35	6,767	41	5,696	21	8,155	20
Septic Sore Throat (Epidemic Type)	244	12	113	6	209	5	294	6	358	3
Smallpox	.....	.....	6	.....	1	.....	.....	.....	.....	.....
Syphilis	2,415	23	3,010	47	3,285	38	5,222	48	6,770	67
Tetanus	10	10	11	7	15	8	13	7	3	6
Trachoma	2	.....	3	.....	5	.....	2	.....	.....	.....
Trichinosis	.....	.....	.....	.....	.....	.....	17	.....	.....	.....
Tuberculosis	2,371	525	2,520	505	2,570	419	2,580	389	2,348	337
Tularemia	1	.....	1	.....	1	.....	3	.....	4	.....
Typhoid Fever	241	17	235	31	119	9	159	24	133	8
Undulant Fever	104	.....	97	.....	66	.....	64	2	68	.....
Whooping Cough	5,040	9	7,569	32	7,023	18	5,517	29	7,229	25
Malaria	.....	.....	6	.....	2	.....	1	.....	.....	.....

TABLE VI

GEOGRAPHIC DISTRIBUTION OF CASES AND DEATHS—ONTARIO, 1941

County or District	Meningitis (Meningococcus)		Diphtheria		Encephalitis (Lethargica)		Para-typhoid		Polio-myelitis		Tularemia		Typhoid		Undulant Fever	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Algoma	1	1	4	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Brant	12	.....	2	.....	.....	.....	.....	.....	1	.....	.....	.....	4	.....	1	.....
Bruce	2	.....	5	1	.....	.....	8	.....	24	3	.....	.....	.....	.....	2	.....
Carleton	33	6	7	.....	.....	.....	.....	.....	3	.....	.....	.....	12	1	.....	.....
Cochrane	4	1	1	.....	.....	.....	1	.....	1	.....	.....	.....	6	1	.....	.....
Dufferin	.....	.....	1	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	1	.....
Elgin	7	.....	59	2	.....	1	.....	.....	1	.....	.....	.....	1	.....	2	.....
Essex	22	.....	2	.....	.....	.....	.....	.....	10	.....	1	.....	4	.....	6	.....
Frontenac	12	.....	2	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
Gray	3	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	2	.....
Haldimand	2	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....
Haliburton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Halton	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....
Hastings	11	3	4	.....	.....	1	.....	.....	.....	.....	.....	.....	3	.....	.....	.....
Huron	.....	.....	1	.....	1	.....	.....	.....	8	.....	.....	.....	2	.....	4	.....
Kenora	1	.....	1	.....	.....	.....	.....	.....	3	.....	.....	.....	2	.....	.....	.....
Kent	15	4	1	.....	.....	.....	4	.....	2	.....	.....	.....	1	.....	5	.....
Lambton	6	1	6	.....	.....	.....	.....	.....	6	1	.....	.....	2	.....	1	.....
Lanark	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Leeds and Grenville	5	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	3	.....	1	.....
Lennox and Addington	3	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lincoln	15	2	.....	.....	2	1	1	.....	1	.....	.....	.....	4	.....	1	.....
Manitoulin	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Middlesex	13	2	14	1	.....	1	.....	.....	6	.....	.....	.....	1	.....	10	.....
Muskoka	2	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Nipissing	6	1	4	1	.....	.....	1	.....	.....	.....	.....	.....	2	.....	.....	.....
Norfolk	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	6	1	1	.....

TABLE VI—Continued

GEOGRAPHIC DISTRIBUTION OF CASES AND DEATHS—ONTARIO, 1941

County or District	Meningitis (Meningococcus)		Diphtheria		Encephalitis (Lethargica)		Para-typhoid		Polio-myelitis		Tularemia		Typhoid		Undulant Fever	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Northumberland and Durham	3	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	1	.....
Ontario	10	2	1	.....	.....	.....	2	.....	.....	.....	.....	.....	1	.....	1	.....
Oxford	7	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	2	.....
Parry Sound	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Peel	6	1	2	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....
Perth	8	1	4	.....	.....	.....	1	.....	2	.....	.....	.....	.....	.....	2	.....
Peterborough	10	1	13	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Prescott and Russell	.....	.....	4	1	1	1	1	.....	.....	.....	.....	.....	2	.....	1	.....
Prince Edward	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rainy River	3	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	.....	.....	.....
Renfrew	14	1	5	1	.....	.....	1	.....	2	.....	.....	.....	5	.....	2	.....
Simcoe	12	4	4	.....	.....	.....	2	.....	3	.....	.....	.....	.....	.....	2	.....
Stormont, Dundas and Glengarry	15	1	11	2	.....	.....	6	.....	1	.....	.....	.....	4	.....	2	.....
Sudbury	7	.....	2	.....	.....	.....	1	.....	1	.....	.....	.....	7	.....	1	.....
Temiskaming	2	.....	.....	.....	.....	.....	.....	.....	2	.....	1	.....	.....	.....	.....	.....
Thunder Bay	8	.....	1	.....	.....	.....	1	.....	8	1	1	.....	2	.....	2	.....
Victoria	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waterloo	9	1	1	.....	.....	.....	4	.....	1	.....	.....	.....	7	.....	2	.....
Welland	11	5	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	5	.....	1	.....
Wellington	11	1	.....	.....	1	.....	.....	.....	2	.....	.....	.....	.....	.....	2	.....
Wentworth	33	7	2	1	1	.....	.....	.....	3	.....	.....	.....	10	2	2	.....
York	147	21	27	2	3	1	8	.....	33	4	.....	.....	22	3	4	.....
Totals	501	71	200	13	9	6	44	.....	140	10	4	.....	133	8	68	.....

TABLE VII

MONTHLY INCIDENCE OF COMMUNICABLE DISEASES—CASES AND DEATHS—1941

Diseases	January		February		March		April		May		June		July		August	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Smallpox																
Scarlet Fever	630	3	651	2	1,060	6	700	1	825	3	617	1	399		246	1
Diphtheria	5		8	1	4	1	48	2	33	3	16		16	1	12	
Measles	2,328	1	3,346	2	5,690		5,040	1	7,402	1	3,775	1	1,049		378	
Whooping Cough	644	2	695	2	835	1	493	2	858		568	3	536	1	598	1
Typhoid	5		5		8		6		6		6	1	6		26	2
Tuberculosis	159	36	183	28	266	37	146	24	246	34	191	28	192	46	194	29
Poliomyelitis	1				1				2		2	1	4		41	2
Cerebrospinal Meningitis (Meningococcus)	68	7	48	10	74	9	59	6	53	5	37	7	27	2	33	7
Influenza	1,611	24	1,076	8	393	8	87	5	46	1	105		47	2	41	1
Pneumonia	158	197	112	166	81	174	57	123	75	133	37	100	23	73	17	107
Syphilis	394	5	646	8	618	5	455	2	756	8	562	7	526	10	629	2
Gonorrhoea	496		393		619		431		471		356		454		519	
Chickenpox	1,609		1,251		1,443		741		837		1,075		429		198	
Encephalitis	1	2	1	1	1	1								1	1	
German Measles	2,354		5,418		10,394		6,100		4,252		1,187		219		118	
Mumps	490		707		1,418		944		1,045		611		244		176	
Septic Sore Throat	25	2	38		59		14		23		33		12		15	
Undulant Fever	2		6		6		4		6		10		8		5	
Dysentery					1				1	1			2		6	
Erysipelas	4		10		8	1	7		10	1	8	2	5		9	
Paratyphoid Fever			2		1		2		5		13		6		7	
Infectious Jaundice	1		17		2		2				10				5	
Tetanus						1			2			2				
Tularemia													1			
Conjunctivitis	2		2						1							
Malaria																
Actinomycosis	1															

TABLE VII—Continued

MONTHLY INCIDENCE OF COMMUNICABLE DISEASES—CASES AND DEATHS—1941

Diseases	September		October		November		December		TOTALS 1941		TOTALS 1940		TOTALS 1939	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Smallpox													1	
Scarlet Fever	322		503		1,218	2	984	1	8,155	20	5,696	21	6,767	41
Diphtheria	15	2	15		14		14	3	200	13	78	12	131	7
Measles	92		149		460		305		30,014	6	16,200	7	27,827	17
Whooping Cough	438	3	411	1	715	6	438	3	7,229	25	5,517	29	7,023	18
Typhoid Fever	21	1	16	2	13	1	15	1	133	8	159	24	119	9
Tuberculosis	183	17	184	18	243	22	161	18	2,348	337	2,580	389	2,570	419
Poliomyelitis	33	4	34	1	19	2	3		140	10	87	9	216	13
Cerebrospinal Meningitis (Meningococcus)	23	1	22	5	28	3	29	9	501	71	145	29	64	18
Influenza	46		116		76	5	78	1	3,722	55	3,327	17	8,284	137
Pneumonia	22	60	27	94	68	138	27	129	704	1,494	1,036	1,685	1,207	2,086
Syphilis	599	1	519	5	595	3	471	11	6,770	67	5,222	48	3,285	38
Gonorrhoea	474		483		498		345		5,539		4,566		4,125	
Chickenpox	215		523		1,882		2,054		12,257		15,993	2	11,133	2
Encephalitis	2		1		1	1	1		9	6	8	2	9	10
German Measles	35		47		66		59		30,249		2,073		1,160	
Mumps	147		230		751		871		7,634		9,872	1	3,296	
Septic Sore Throat	35		41		39		24	1	358	3	294	6	209	5
Undulant Fever	7		7		2		5		68		64	2	66	
Dysentery	5	1	15	1	17		2		49	3	104	2	53	4
Erysipelas	6		5		7		8		87	4	124	7	187	5
Paratyphoid Fever	1		4		2		1		44		51	1	58	1
Infectious Jaundice	2		2		8		5		54		110	1	502	3
Tetanus				1	1	1		1	3	6	13	7	15	8
Tularemia					3				4		3		1	
Conjunctivitis									5		6		2	
Malaria											1		2	
Actinomycosis					1				2		6	1	2	

SECTION 2: LOCAL HEALTH ADMINISTRATION

The staff of the Division of Epidemiology continued to contribute to the work carried on through the office of the Chief Medical Officer of Health. During the year, the adressograph service was maintained by this Division for the purpose of circularizing the Medical Officers of Health (approximately 700) and Secretaries of the local Boards of Health (approximately 900) with information relative to public health administration and procedure. Technical aid was given to the preparation for printing of the Annual Personnel Book, which presents information regarding the changing of Personnel of local Boards of Health and of the Provincial Department of Health.

The forms for the Annual Report of the local Medical Officers of Health were prepared and distributed by the Division to all organized municipalities (901) during December of this year.

SECTION 3. DISTRIBUTION OF LITERATURE

The following table shows the distribution of literature by this Division during the past year:

Infectious Disease Literature	No. of Forms Distributed	Recording Forms	No. of Forms Distributed
Regulations and Amendments	420	Diphtheria—	
Diphtheria	10,104	Recording Forms	535
		Consent Cards	39,060
		Certificates	39,115
Scarlet Fever	17,504	Scarlet Fever—	
		Recording Forms	273
Immunization Folder	15	Consent Cards	8,335
		Certificates	6,470
		Smallpox—	
		Consent Forms	26,741
		Certificates	21,044
		Typhoid Certificates	200
		Immunizations Cards (Combined form)	4,755
Total	28,043	Total	146,528
	Total 174,571		

As shown by the above table, there was an increase over last year in the distribution of literature of approximately 74,000 pieces.

During the year, the pamphlet, "Prevention of Diphtheria" was revised and this literature was distributed in large numbers to the municipalities requesting it, for assistance in their immunization programmes.

SECTION 4. DISTRIBUTION OF BIOLOGICAL PRODUCTS AND INSULIN

The statistical data relative to the amount and cost of distribution for the fiscal year, April 1st, 1940, to March 31st, 1941, as well as comparative costs for distribution for the past 14 years are presented in tabular form at the end of this Report (Tables VIII to XIX).

Biological Products

The supply of Biological Products and Insulin is a joint responsibility of the Division of Laboratories and this Division—the former providing for storage and mailing, and the latter for all the purchasing, record-keeping and accounting. In the case of Insulin, this also includes the preparation and mailing of quarterly accounts to an average of seven hundred municipalities.

During the year the Department continued to supply free biological products through the thirteen distributing centres, i.e.; central laboratory and eight branches (including the subsidized branch laboratory at Belleville, opened October 1st); the offices of the local Departments of Health at Brantford, Hamilton, Owen Sound and Windsor.

The biological products so distributed through the physicians as a service to the public are for:

(a) The Prevention of disease by active immunization: Diphtheria Toxoid; Scarlet Fever Toxin; Smallpox, Rabies, and Pertussis Vaccines.

(b) Treatment of cases: Diphtheria, Scarlet Fever and Tetanus Antitoxins; Anti-meningococcus and Anti-Anthrax Serums.

(c) The Testing of susceptibility or immunity; Schick and Dick Test material and Tuberculin.

The distribution of Pertussis Vaccine on a Province-wide scale was continued with an expenditure of $25,532.50 for this product for the calendar year, an increase of $7,332.50 over the year 1940.

Tuberculin—for diagnostic purposes in the control of Tuberculosis was distributed as in former years. (See Tables XVIII and XIX).

The purchase of Typhoid-Paratyphoid Vaccine was undertaken by the Division in May of this year. 3,500 vials were distributed at a cost of $1,260.00.

Insulin

The Department of Health provides free insulin to those persons in whose treatment this product is required and who would otherwise be deprived of it. Diabetic patients able to pay for Insulin are not supplied by the Department.

While the provision of insulin is free to those unable to pay for it, 25% of the cost is charged to the Local Municipality, the Department paying the remaining 75%. Municipalities are liable for this payment as soon as patients take up residence and make application for free insulin. While this re-allocation of total costs in part to the local authorities which was first begun in 1935-36 has resulted in a marked increase in cost-accounting by this Division, because of the necessity for sending out quarterly accounts to an average of seven hundred municipalities, still the fact that this re-allocation has resulted in a 45% reduction in the cost of distribution of Insulin seems sufficient justification for the work required.

Insulin was distributed throughout the Province to 4,047 indigent patients in the fiscal year 1940-41 and was again supplied to Ontario Mental Institutions for Shock Therapy.

TABLE VIII

ANNUAL DISTRIBUTION OF INSULIN FOR SHOCK THERAPY
FISCAL YEAR 1940-41

Months	No. of Vials 1000 Units	Cost
1940		
April	85	$ 127.50
May	96	144.00
June	60	90.00
July	48	72.00
August	60	90.00
September	72	108.00
October	24	36.00
November	72	108.00
December	96	144.00
1941		
January	96	144.00
February	72	108.00
March	58	87.00
Total	839	$1,258.50

TABLE IX

ANNUAL DISTRIBUTION OF INSULIN BY AREA ((Toronto and Province)
FISCAL YEAR 1940-41

Residence of Patients Requiring Insulin	Male	Female	Total
City of Toronto	361	758	1,119
Province of Ontario, Exclusive of Toronto	1,188	1,740	2,928
Total	1,549	2,498	4,047

TABLE X

ANNUAL DISTRIBUTION OF INSULIN—FISCAL YEAR 1940-41

Type of Insulin	Units Per Vials	Cost per Vial	No. of Vials	Total Cost
Insulin–Toronto	200	.35	9,642	$ 3,374.70
" "	400	.65	39,695	25,801.75
" "	800	$1.25	2,307	2,883.75
" "	1,000	1.50	896	1,344.00
Protamine Zinc	400	.72½	37,900	27,477.52
" "	800	1.40	1,608	2,251.20
Total				$63,132.92

TABLE XI

MONTHLY DISTRIBUTION OF INSULIN—FISCAL YEAR 1940-41

Months	Types of Insulin						Cost All Types
	Insulin–Toronto				Protamine Zinc Insulin		
	No. of Vials Distributed				No. Vials Distributed		
	200 Unit	400 Unit	800 Unit	1000 Unit	400 Unit	800 Unit	
1940							
April	918	3,860	345	144	2,936	70	$ 5,704.15
May	925	3,894	280	72	3,325	50	5,793.48
June	650	3,760	205	72	3,275	120	5,578.12
July	831	3,310	131	72	3,311	135	5,303.57
August	1,000	3,520	110	.....	3,539	100	5,481.27
September	986	3,301	335	144	3,311	154	5,741.58
October	1,050	3,135	150	.....	2,675	195	4,805.13
November	610	3,495	175	50	3,071	126	5,181.88
December	500	2,710	106	60	3,525	155	4,931.63
1941							
January	811	3,500	136	100	3,196	148	5,403.15
February	900	2,900	160	122	3,011	175	5,010.98
March	461	2,310	174	60	2,725	180	4,197.98
Total	9,642	39,695	2,307	896	37,900	1,608	$63,132.92

TABLE XII

BIOLOGICAL PRODUCTS—ANNUAL DISTRIBUTION—FISCAL YEAR 1940–41

Diphtheria:			
Antitoxin	2,828 x 1M units vials at	$ .14 each	$ 395 92
	1,211 x 10M units vials at	1.20 each	1,453 20
	945 x 20M units vials at	2.40 each	2,268 00
	69 x 40M units vials at	4.80 each	331 20
Total			$ 4,448 32
Schick Test	4,278 Outfits at	$ .25 each	1,069 50
	15,990 x 1 person at	.27½ each	4,397 25
	778 x One 3 cc. vials at	.21 each	163 38
	1,802 x Six 3 cc. vials at	1.12 each	2,018 24
	4,923 x Six 6 cc. vials at	1.75 each	8,615 25
	756 Diluted for Reactors at	.25 each	189 00
	830 Reaction Test at	.10 each	83 00
Total			$ 16,535 62
Tetanus:			
Antitoxin	45,514 x 1,500 units vials at	$ .39 each	$ 17,750 46
	916 x 10,000 units vials at	2.00 each	1,832 00
	355 x 20,000 units vials at	3.75 each	1,331 25
Intraspinal Outfits	124 x 10,000 units and Outfits at	2.35 each	291 40
Total			$ 21,205 11

SCARLET FEVER:			
Antitoxin	8,497 prophylactic doses at	$ .75 each	6,372 75
	3,422 treatment doses at	2.75 each	9,410 50
Total			$ 15,783 25
Dick Test	8,482 Outfits at	$ .25 each	2,120 50
Toxin	9,048 x 1 person at	.30 each	2,714 40
	6,514 x 6 persons at	1.00 each	6,514 00
Total			$ 11,348 90
MENINGOCOCCUS:			
Anti-Serum	2,080 x 20 cc. vials at	$ 1.25 each	$ 2,600 00
Intraspinal Outfits	383 x 20 cc. vials at	1.70 each	651 10
Total			$ 3,251 10
SMALLPOX:			
Vaccine	9,688 x 2 point packages at	$ .14 per pkg	$ 1,356 32
	30,515 points (5 pt. pkg.) at	52.50 per M Pts.	1,602 05
	133,440 points (10 pt. pkg.) at	45.00 per M Pts.	6,004 80
Total			$ 8,963 17
RABIES:			
Vaccine	15 treatments at	$ 6.00	$ 90 00
PERTUSSIS.			
Vaccine	26,500 x 6 cc. vials at	$ .70	$ 18,550 00
PERFRINGENS:			
Antitoxin	8 x 10,000 units vials at	$ 1.90	$ 15 20

TABLE XIII

BIOLOGICAL PRODUCTS AND INSULIN—FISCAL YEAR 1940-41

SUMMARY OF ANNUAL DISTRIBUTION	COSTS
Diphtheria Products	$ 20,983 94
Tetanus Products	21,203 11
Scarlet Fever Products	27,132 15
Meningococcus Products	3,251 10
Smallpox Vaccine	8,963 17
Rabies Products	90 00
Pertussis Products	18,550 00
Perfringens Antitoxin	15 20
Syringes	537 20
Cost of Biological Products and Syringes	$ 100,727 87
Less Sale of Syringes ($537.20)—Net Cost	100,190 67

TABLE XIV

SUMMARY OF ANNUAL DISTRIBUTION—FISCAL YEAR 1940-41

PRODUCT	COSTS
Biological Products—Gross Cost	$ 100,727 87
Insulin—All Types—Cost	63,132 92
Total Cost	$ 163,860 79
Less Sale of Biological Syringes ($337.20)—Net Cost	$ 163,323 59

TABLE XV

ANNUAL DISTRIBUTION OF TUBERCULIN—(CALENDAR YEAR, 1941)

No. of Private Physicians supplied with Tuberculin	706
No. of Hospitals supplied with Tuberculin	83
No. of Sanatoria supplied with Tuberculin	8
No. of Ontario Hospitals supplied with Tuberculin	8
No. of Provincial Branch Laboratories supplied with Tuberculin	4
No. of Travel Provincial Clinics supplied with Tuberculin	6
No. of Clinics (non-Departmental) supplied with Tuberculin	12
No. of Surveys (Factories, Schools, Universities) supplied	21

TABLE XVI

ANNUAL DISTRIBUTION OF TUBERCULIN—BY AMOUNTS DISTRIBUTED (CALENDAR YEAR 1941)

Type	1 cc. Vials		5 cc. Vials		Total	
	No.	Contents (cc.)	No.	Contents (cc.)	No. of Vials.	Contents (cc.)
No. 1 Solution	2,579	2,579	2,000	10,000	4,579	12,579
No. 2 Solution	901	901	.....	.....	901	901
Total	3,480	.....	2,000	.....	5,480	13,480

TABLE XVII

ANNUAL DISTRIBUTION OF TUBERCULIN—BY COSTS (CALENDAR YEAR—1941)

Type	No. of Vials	Cost per Vial	Total Cost
No. 1 Sol. (1cc.)	2,579	$0.30	$ 773.70
No. 1 Sol. (5cc.)	2,000	.95	1,900.00
No. 2 Sol. (1cc.)	901	.35	315.35
Total	5,480	.....	$2,989.05

TABLE XVIII

COMPARATIVE STATEMENT—TUBERCULIN DISTRIBUTION AND COSTS 1940–1941

Type	1940		1941		Increase or Decrease Cost
	Vials	Cost	Vials	Cost	
No. 1 Sol. (1cc.)	1,873	$ 561.90	2,579	$ 773.70	$211.80 I
No. 1 Sol. (5cc.)	1,846	1753.70	2,000	1900.00	146.30 I
No. 2 Sol. (1cc.)	1,015	355.25	901	315.35	39.90 D
Total	.....	$ 2670.85	.....	$ 2989.05	$318.20 I

D—Decrease; I—Increase.

TABLE XIX.

COMPARATIVE STATEMENT SHOWING COST OF BIOLOGICAL PRODUCTS AND INSULIN, 1926-1941

Fiscal Year	Diphtheria		Scarlet Fever		Tetanus Antitoxin	Anti-Meningococcus Serum	Anti-Anthrax	Smallpox Vaccine	Rabies Vaccine	Pertussis Vaccine	Biological Totals	Insulin	Total Cost
	Antitoxin	Toxoid	Antitoxin	Toxin									
	$ c	$ c	$ c	$ c	$ c	$ c	$ c	$ c	$ c	$ c	$ c	$ c	$ c
1926–27	40,747.00	14,343.20	23,159.50	4,659.00	9,322.05	1,578.35	.....	8,212.58	585.00	.....	102,605.68	46,567.10	149,172.78
1927–28	35,407.02	10,427.40	20,595.50	3,483.70	10,518.00	1,632.40	.....	13,711.73	4,728.59	.....	100,504.34	48,943.60	149,447.94
1928–29	41,027.72	9,771.80	21,063.75	3,319.50	14,022.00	3,588.45	.....	7,144.60	2,000.25	.....	101,968.57	55,727.48	157,696.05
1929–30	46,784.30	9,486.40	34,031.45	5,287.30	15,171.75	3,452.15	.....	7,892.65	1,638.00	.....	123,744.00	62,728.16	186,472.16
1930–31	36,696.96	14,113.40	32,589.15	5,498.90	17,092.50	2,594.85	.....	6,300.03	819.00	.....	117,704.79	71,291.82	188,996.61
1931–32	27,217.73	20,874.16	22,115.82	4,316.25	17,872.34	2,526.48	.....	4,495.83	411.07	.....	99,829.68	84,367.15	184,196.83
1932–33	12,698.80	16,175.84	19,451.68	3,987.15	16,411.01	1,692.24	.....	3,719.20	937.65	.....	75,073.57	94,274.28	169,347.85
1933–34	12,797.38	14,482.68	27,971.97	5,287.77	19,529.70	1,593.75	.....	5,617.34	418.95	.....	87,699.54	102,517.65	190,217.19
1934–35	* 5,077.50	5,886.20	14,203.20	3,069.70	6,266.40	569.40	7.00	2,638.75	94.50	.....	37,212.65	44,517.45	81,730.10
1935–36	10,419.34	12,912.40	32,766.90	6,881.40	21,989.55	1,485.95	1.75	5,639.65	388.50	.....	92,485.44	84,580.71	177,066.15
1936–37	8,576.36	14,783.40	23,867.25	6,745.50	20,715.15	1,760.95	10.50	5,342.98	252.00	.....	82,054.09	60,252.40	142,306.49
1937–38	† 8,666.94	15,363.60	22,027.25	7,910.50	24,340.80	1,863.15	7.25	5,524.29	504.00	.....	86,423.78	60,485.12	146,908.90
1938–39	6,556.14	17,741.00	21,039.75	9,079.20	22,654.35	1,681.50	7.00	9,160.12	283.50	.....	88,202.56	60,491.00	148,693.56
1939–40	5,674.28	16,828.49	18,118.00	10,465.40	20,324.88	1,863.85	.....	7,406.82	900.00	7,231.00	88,812.72	60,805.00	149,617.72
1940–41	‡ 4,448.32	16,535.62	15,783.25	11,348.90	21,205.11	3,251.10	.....	8,963.17	90.00	18,550.00	100,190.67	63,132.92	163,323.59

*November, 1934 to March, 1935. †Typhoid-Paratyphoid Vaccine, $216.00 ‡Perfringens Antitoxin, $15.20

DIVISION OF VENEREAL DISEASE CONTROL

W. H. Avery, M.D., *Consultant.*

During the years previous to the outbreak of war, there developed a widespread realization, by the public and the medical profession, of the importance of adequately treating and controlling the venereal diseases. There is no question that syphilis and gonorrhoea constitute one of the major public health problems of the day. In time of war, the problem is greatly magnified. With a view to co-ordinating the efforts and providing leadership throughout the Province, the Division of Venereal Disease Control was re-organized and enlarged.

At the beginning of 1940, a system of central reporting of venereal diseases was adopted. The increased secrecy resulting from this system of reporting was reflected in an increase of 70.6% in the number of cases reported within a year. This improvement in reporting cases of syphilis has continued during the year 1941, as shown below:

No. of Cases of Venereal Disease Reported	(Aver.) 1937–1939	1940	1941
Syphilis	2,909	4,953	7,484
Gonorrhoea	3,931	4,218	5,293

In the two years since the institution of central reporting, 12,437 cases of syphilis, and 9,511 cases of gonorrhoea, have been reported to the Division.

While there is a general impression among those interested that there has been a considerable increase in the incidence of venereal disease during the past year, the lack of any adequate statistics in the past makes it impossible to arrive at a definite conclusion at this time. It is undoubtedly true that the greater interest on the part of physicians and the general public, and a more effective administration of control measures, are bringing to light many cases that would have previously escaped notice.

The reporting of cases of gonorrhoea still leaves a great deal of room for improvement. During the past year the use of the sulphamide group of drugs has become universal by physicians in the treatment of this condition. Newer preparations of this class of drugs have resulted in increased efficiency and fewer unfavourable reactions, so that numerous reports from medical literature have indicated that a high percentage of the cases of gonorrhoea are apparently cured within a very few days. The rapid disappearance of clinical signs makes it extremely difficult for physicians to keep their patients under observation, with the result that many cases are never reported. In the case of female patients, the difficulties of diagnosis of gonorrhoea are greatly increased by the use of the above class of drugs. It quite frequently happens that in women patients, who clinically present signs and symptoms of gonorrhoeal infection, no definite laboratory diagnosis can be made.

The use of cultural examinations for the gonococcus, in addition to ordinary smear examination, has been found to be of considerable value, and has been urged by this Division wherever possible. Unfortunately, facilities for such cultural examination are available in only the larger centres throughout the Province. A study of the laboratory reports and of the specimens submitted by doctors would indicate that there is need, not only of better diagnostic facilities than are at present available, but also a greater care, on the part of the physicians, in taking the specimens for examination.

During the past year, an attempt was made to determine the percentage of cases of syphilis reported to the Department by various agencies. For this purpose, 2,080 cases reported during the four months from Aug. 26th, to December 26th, 1941, were analyzed as follows:

Reported by private physicians	1194 cases or 57.4%
Reported by Venereal Disease Clinics	622 cases or 29.9%
Reported by Dept. of National Defence	133 cases or 6.4%
Reported by Hospitals, Gaols, Reformatories	131 cases or 6.3%

A further analysis of the above 2080 cases of syphilis showed:

Early Syphilis (under 2 years' duration)	801 cases or 38.5%
Neurosyphilis	139 cases or 6.7%
Late, Latent, Tertiary, Congenital Syphilis	1140 cases or 54.8%

The following table shows, by counties, the number of cases of venereal disease reported throughout the Province. The figures given cannot be taken as an indication of the incidence of venereal disease in each of these sections; such factors as concentration of population, local health organizations, and the interest and co-operation on the part of the physicians enter into the pictures.

County	Syphilis	Gonorrhoea
Algoma	58	40
Brant	64	57
Carleton	562	370
Bruce	21	3
Cochrane	238	244
Dufferin	2	0
Elgin	56	74
Essex	242	218
Frontenac	148	126
Grey	54	18
Haldimand	18	31
Haliburton	1	3
Halton	15	6
Hastings	124	83
Huron	17	14
Kenora	42	20
Kent	51	56
Lambton	31	23
Lanark	8	2
Leeds and Grenville	41	22
Lennox and Addington	14	5
Lincoln	97	54
Manitoulin	14	3
Middlesex	132	213
Muskoka	16	5
Nipissing	90	151
Norfolk	27	20
Northumberland and Durham	32	24
Ontario	88	44
Oxford	38	25
Parry Sound	70	48
Peel	13	12
Perth	13	21
Peterborough	22	45
Prescott and Russell	18	20
Prince Edward	19	16
Rainy River	5	3
Renfrew	153	263
Simcoe	67	696
United Counties (Stormont, Dundas, Glengarry)	58	0
Sudbury	396	317
Temiskaming	156	189
Thunder Bay	435	308
Victoria	7	10
Waterloo	44	59
Welland	57	74
Wellington	110	6
Wentworth	415	98
York	2166	1044
	6569	5268

The policy adopted by the Department of attempting to ensure adequacy of treatment in the early cases of syphilis, which are a danger in the community, and in late cases, for the prevention of disabling end-results of the infection, is justified by the statistics given on the above tables. The measures taken to put this policy into effect, during the past year, may be summarized as follows:

1. Changes in *The Venereal Diseases Prevention Act* and Regulations provided that the patient suffering from venereal disease must remain under treatment until he has received a satisfactory amount.

Provision was also made that, in certain classes of patients, examination might be carried out, not only to determine the presence of venereal disease but also the extent.

2. The venereal disease clinics, in various centres throughout the Province, were informed of the Departmental policy and their co-operation enlisted in putting it into effect. Emphasis was placed upon the advisability of examining the spinal fluid in every case of syphilis at some stage of the course of treatment. This is now being done in all of the venereal disease clinics and a considerable number of cases of neurosyphilis have thus been discovered and placed under adequate treatment in their pre-clinical stage.

   Arrangements were made with the Council and Board of Health, of Timmins and a new venereal disease treatment clinic opened there about May 1st, 1941. This is apparently meeting a real need in the community and has gained the support and co-operation of the medical profession, the municipal authorities and the patients.

3. In line with the thought that the greatest degree of success in discovering and continuing under treatment would come only from the helpful interest and co-operation of the medical profession, the Department has made available to physicians free drugs for the treatment of their cases of syphilis, whenever they request the same. This has resulted not only in better reporting of cases of syphilis but has enabled the Department to prevent a considerable wastage of drugs brought about by the physicians ordering more than they were in a position to use within a reasonable time.

   A pamphlet was prepared and distributed to all physicians in the Province, outlining general suggestions, according to modern thought, for the treatment of their cases of syphilis. This was very well received by the profession and requests for additional copies have been frequently received.

   An attempt has also been made to give advice or provide consultation service to those physicians who seek assistance with their venereal disease problems.

   From time to time during the year, physicians have been asked to complete progress reports on the cases of syphilis under their care. In general, it may be said that this request has met with splendid co-operation on the part of the profession. It has also enabled us to gain some idea as to the type of treatment the patients are receiving and has been of invaluable help in the follow-up of delinquent patients. An analysis was made of 4,136 of such progress reports received from private physicians, and may be summarized follows:

   2,274—are receiving apparently adequate treatment.
   103—indicate patient was considered cured.
   23—Indicate patient was considered too ill or too old to require further treatment.
   695—discontinued treatment against the advice of their physician.
   569—transferred to another doctor.
   34—enlisted in the armed forces.
   69—moved out of the Province.
   56—died.
   14—were re-reported as not having syphilis..
   220—were reported as lost.

4. The institution of artificial fever therapy for patients suffering from neurosyphilis in the Ontario Hospital in 1939 was extended to certain general hospitals during 1940. This policy has been fully vindicated during the past year and new fever clinics, or additional fever cabinets, supplied to

various centres at their request. At the present time, there are 13 fever clinics operating 22 fever cabinets, exclusive of the original clinic at the Ontario Hospital, Toronto, where 5 cabinets are operated daily. The fever clinics in the general hospitals treated 272 cases of asymptomatic and early clinical neurosyphilis, giving a total of 12,663 hours of fever over 105 degrees F. In the Ontario Hospital, Toronto, 111 patients received 5,447 hours of fever over 105 degrees F.

5. This Division has maintained the closest possible co-operation with the medical officers of the armed forces in their attempt to control venereal disease. Whenever sources of infection or contacts are reported, the Division follows them up through the local health officials and makes every effort to see that they are examined and, if necessary, placed under treatment. Some difficulty has been encountered because of the frequent reports from military sources which give insufficient data for the identification of the individual. In some cases, too, the difficulties encountered in making a diagnosis of gonorrhoea in female patients have prevented action which might have been felt to be advisable.

6. The Division has also put into effect an educational programme, which is designed to arouse the public to a sense of the importance of these venereal disease problems, and to make them conscious of the fact that they may touch the life of any member of the community. Posters and pamphlets have been prepared for distribution to suitable groups throughout the Province, emphasizing the dangers of venereal disease and the necessity for prompt and adequate treatment.

7. The following is a statistical analysis of the work in the special treatment clinics throughout the Province:

Total number of patients attending clinics at December 31st, 1940		5,634
Total number of patients attending clinics at December 31st, 1941		5,332
Total number of treatments given for syphilis		117,031
Total number of treatments given for gonorrhoea		19,823
New cases (never previously treated in clinic)		2,025
Syphilis	1,053	
Gonorrhoea	876	
Double Infection	96	
Number of cases re-admitted for treatment		669
Syphilis	446	
Gonorrhoea	212	
Double Infection	41	
Number of cases previously treated		910
Syphilis	730	
Gonorrhoea	166	
Double Infection	14	
Classification of new and previously treated cases of syphilis		1,608
Primary	312	
Secondary	459	
Tertiary	837	
Classification of new and previously treated cases of gonorrhoea		1,062
Under 1 month	813	
Under 2 months	114	
Over 2 months	135	
Total number of patients discharged from clinics		3,819

Number discharged apparently cured 2,007

Syphilis	726
Gonorrhoea	1,150
Double Infection	131

Number discharged without permission 883

Syphilis	648
Gonorrhoea	207
Double Infection	28

Number transferred elsewhere for treatment 929

Syphilis	710
Gonorrhoea	180
Double Infection	39

Number of cases referred to Medical Officer of Health 1,541

Sources of infection	237
Contacts	1,133
Non-attendance	171

Number of cases placed under Venereal Diseases Prevention Act 341

Number of cases prosecuted under Venereal Diseases Prevention Act 104

Total number of out-patient treatments 124,762

Syphilis	107,311
Gonorrhoea	17,451

Total number of in-patient days 10,749

Syphilis, 976 patients	8,114 days
Gonorrhoea, 252 patients	2,635 days

The work of the artificial fever therapy clinics for 1941, has been analyzed and is outlined on the attached chart, together with the comments of the Directors of fever therapy regarding their findings with this type of treatment:

Interpretation of abbreviations on table:—N/S, neurosyphilis; S, syphilis; GC, gonorrhoea.

Clinic	No. Hours over 105°	Total number of cases treated				Remarks by Directors of Fever Therapy
		N/S	S.	GC.	Others	
St. Michael's Hospital	2692	52	....	16	3	Results have been most justifying. Complete relief of symptoms common. Marked improvement, especially in those cases showing slight mental aberrations. One case luetic optic neuritis with almost complete loss of vision, regained his vision.
Toronto Western Hospital	1662	32	....	6	3	These people all feel better, eat better, walk better, sleep better, and some have been able to return to work. One case of interstitial keratitis responded to fever much better than any other form of treatment.
Women's College Hospital (Toronto).	1113¼	19	5	4	1	Have reason to feel very encouraged regarding future of fever treatment for neurosyphilis. Results have included improvement in vision, increase in mental stability, improvement in physical condition with disappearance of headaches, ataxia, and disturbance of vision.
Hamilton General Hospital.	902	21	....	....	3	Results were very good in 18 of the 21 cases of neurosyphilis treated. In the symptomatic cases, there was a decrease in symptoms and in some, complete amelioration of symptoms. All these patients are now working. In asymptomatic cases all the patients felt better than they had for years and showed an increase in their efficiency at work. In gonococcal arthritis, the result was spectacular with complete cure. I consider that fever cabinets in general hospitals are the answer to the problem of decreasing the number of neurosyphilitics that eventually need treatment in Provincial institutions.
Ottawa General Hospital	804	12	1	28	7	One case of progressive optic atrophy completely arrested. 5 cases of asymptomatic neurosyphilis now show negative spinal fluid. Gonorrhoeal arthritis, all recent cases, cured—old cases showed some improvement. Chorea cases cured inside of three weeks.
Ottawa Civic Hospital	1058	29	....	28	7	Of 29 cases of neurosyphilis treated. 20 are apparently cured and able to return to work. 28 cases of gonorrhoea and complications treated, 24 cured. Of 6 cases of syphilitic eye conditions, 5 were cured.

Clinic	No. Hours over 105°	Total number of cases treated				Remarks by directors of Fever Therapy
		N/S	S.	GC.	Others	
St. Joseph's Hospital (Sudbury).	197½	6	....	....	....	Clinic operating only 1 month. 2 patients with early neurosyphilis say that they feel much better and are now able to work without becoming tired. Patients who have had a couple of treatments are very willing to return for more.
Victoria Hospital (London).	1341½	22	....	11	10	In asymptomatic neurosyphilis, serological reversal and apparent cure have resulted in all cases. In early active paresis, clinical improvement has been immediately apparent. In tabes, relief of pain, vomiting and bladder disturbances have been striking. All cases of chronic gonorrhoea, resistant to all other forms of treatment have been cured.
Belleville General Hospital	607¾	7	....	14	1	Excellent results in cerebrospinal lues. 1 case of chorea responded remarkably well. Several cases of acute gonorrhoea responded very well.
Ontario Hospital, Toronto (mental institution).	5447	111	....	....	....	Of 111 patients admitted suffering from paresis, 70 were able to take an adequate amount of fever therapy. 35 of these improved sufficiently to be released from hospital and 31 of these are now self-supporting. 25 others showed improvement, but so far not enough to warrant release. 1 showed no change.
Toronto General Hospital	1781¼	51	....	27	....	
Kingston General Hospital	309	9	....	3	....	
Burwash Industrial Farm	194¾	6	....	....	4	
Total	18110	377	6	137	39	

DIVISION OF MATERNAL AND CHILD HYGIENE

J. T. Phair, M.B., D.P.H., *Director.*

Since the inception of the practice of requesting specific information from private physicians and from hospital authorities in respect to all deaths associated with pregnancy, this Division has periodically reported in some detail on the trend of certain presumably significant factors in respect to maternal mortality. While the Department is appreciative of the fact that such deaths still occur with a greater frequency than would appear to be warranted, it is gratifying to be able to report the rate for 1940 (the last available figure) to be the lowest in the history of the Province, namely, 3.7 per thousand living births. It is the hope of this Division that the aforementioned practice of continually asking for additional information on deaths occurring among pregnant women has had some effect in stimulating greater interest in the assumption of the maximum of potential responsibility by the profession in these cases. The following table presents a picture of the causes of death over the last eight years, as well as the rates in each group of causes:

Cause of Death	1933–1937		1938		1939		1940	
	%	Rate	%	Rate	%	Rate	%	Rate
Abortion with Sepsis	11.8	0.64	10.4	0.40	15.2	0.65	12.9	0.48
Abortion without Sepsis	3.5	0.19	3.6	0.14	3.6	0.15	3.9	0.14
Ectopic Gestation	3.7	0.20	4.4	0.17	3.9	0.17	3.5	0.13
Puerpural Haemorrhage	11.4	0.61	8.8	0.34	13.8	0.59	9.9	0.37
Puerpural Septicaemia	20.7	1.10	19.9	0.76	18.1	0.78	13.7	0.51
Puerpural Albuminuria and Eclampsia	18.9	1.01	17.9	0.69	15.2	0.65	22.0	0.82
Other Toxaemias of Pregnancy	5.3	0.28	3.6	0.14	4.7	0.20	5.9	0.22
Puerpural Phlegmasia Alba dolens, Embolism, etc.	10.7	0.57	16.3	0.63	15.9	0.69	18.5	0.69
Other Accidents of Childbirth	11.6	0.62	13.9	0.55	7.6	0.3	7.5	0.27
Other Conditions	2.5	0.13	1.2	0.05	1.8	0.08	1.9	0.07

It will be noted from the above table that the toxaemias of pregnancy head the list of causes both in the percentage of the total maternal deaths as well as in the rate for each cause. With the present state of medical knowledge it is evident that deaths from toxaemia cannot be entirely prevented; however, a very large proportion of them might not have occurred had these women been fully appreciative of the vital necessity of seeking medical advice early in pregnancy, and co-operating scrupulously with the physician of their choice throughout the pre-natal period. While the percentage of deaths from puerpural phlegmasia alba dolens and embolism appears to be increased, the rate continues to be about the same over the period of years under review. It is generally conceded that thrombosis and embolism are usually the results of infection and, in so far as infections are preventable, thrombosis and embolism are preventable. The fact that there is little in the way of reduction in the death rate from these conditions continues to present a challenge to all those in the field of preventive medicine. The more or less dramatic results from the widespread use of the drugs of the sulphamide groups in infections are reflected in the appreciable lowering of the incidence of maternal deaths from septicaemia. While this type of infection still constitutes a major obstetrical problem, there is every hope that a further reduction will be brought about as the administration of this type of chemotherapy is more fully understood.

Another interesting approach to the problem of lessening maternal morbidity and mortality is opened up by a recent report of a study made in Toronto. This study, conducted by the Departments of Paediatrics and Obstetrics of the University of Toronto, was undertaken in order to determine the effect of poor and good pre-natal diets upon the outcome of pregnancy and condition of the infant during the first months of life. Some 400 women in the low income brackets comprised the group studied; these were divided into three groups: one found to be on a poor diet was left as a control; a second group had their diet supplemented with additional food and vitamins; the diet of a third group found to be conforming reasonably well to good pre-natal diet was improved by education alone. It was observed that during the pre-natal period there were more cases of anaemia, toxaemia and threatened miscarriage in the poor diet group, and that the total number of complications in this group was almost double that of the others. This experiment lends further weight to the significance of the role played by nutrition in the health of the people as a whole.

The stillbirth rate is slightly reduced for the year 1940, the rate being 28.9 per 1,000 total births. This is the lowest rate recorded for the last 20 years. In this respect the Toronto experiment referred to in the previous paragraph is also of interest, their observation being that the incidence of miscarriages, stillbirths and premature births in the women on poor diets was much increased over the better fed groups. This comment on the lessening of premature births is of particular interest in view of the marked change in significance of certain causes of infant deaths. While the general infant death rate is further lowered, (it also is the lowest rate on record, viz. 43.2 per 1,000 living births) the percentage of deaths in this age group attributed to prematurity is more than double that of any other cause. The following table gives the numbers of infant deaths from the most important causes in five-year periods for the last twenty years:

	1920	1925	1930	1935	1940
Total number of infant deaths	7,802	5,530	5,260	3,515	2,959
Infections—					
Smallpox	10	0	0	0	0
Measles	81	18	24	27	7
Scarlet Fever	11	1	2	1	1
Whooping Cough	242	169	127	95	47
Diphtheria	51	15	16	1	0
Influenza	242	123	85	88	76
Tuberculosis	48	23	39	15	9
Syphilis	47	26	25	23	21
Erysipelas	51	22	36	17	2
Respiratory—					
Bronchitis	158	33	34	15	16
Bronchopneumonia	398	371	343	272	247
Pneumonia	380	215	187	108	93
Gastro-Intestinal—					
Diarrhoea and Enteritis	1,382	767	856	281	130
Other Conditions—					
Convulsions	231	107	57	29	17
Malformations	515	567	454	415	460
Congenital Debility	3,083	501	391	172	75
Premature Birth	.....	1,459	1,456	1,092	952
Birth Injury	.....	275	297	296	256
Othery Diseases peculiar to early infancy	333	379	254	241	246

While difficulty sometimes presents in the maintenance of a satisfactory health service for the pre-school age group, an increasing number of municipalities are attempting to meet the health needs of these children. The Divisional staff gave assistance to eight municipalities in the conduct of their pre-school health programme in the past year.

At the request of the Honourable the Minister of Education, the Division again made the necessary arrangements for the medical examination of all applicants to the teacher-training schools. The findings of the examining physicians in this group of young adults are very comparable to those found in the examination of recruits for active service. The figures for the examinations of these recruits as presented by the Minister of National War Services show that only two-thirds of the men between the ages of 21-24 were said to be eligible for Class A, and 22% of the total were in Class C or lower. A study of the defects found in the group leads one to believe that the vast majority are ostensibly preventable. It would appear that one of our most urgent problems is the further awakening of public interest in the medical examination and health supervision of elementary school children, and the extension of such examinations and supervision into the secondary school group. Further, that there should be serious stock-taking as to the reasons why defects are not corrected when discovered and some acceptable plan devised which will provide the necessary treatment for those who cannot afford to pay for it.

PUBLIC HEALTH NURSING

EDNA L. MOORE, REG. N., *Chief Public Health Nurse.*

The total strength of the Public Health Nursing Staff at the beginning of 1941 was ten. Two members of the group were on sick leave. Miss Marjorie Rutherford, Reg. N., of the United Counties Health unit staff, and on leave of absence from the Department staff since April, 1940, was called for service with the Royal Canadian Army Medical Corps in July. May first Miss H. Elizabeth Smith returned to duty in Timiskaming District and Miss N. Edna Howey reported for duty on the first of September.

During the year the supervisors visited 81 centres representing in population slightly less than one-third of the Province. Seventy-five centres received one visit, five centres were visted twice, while one community was visted three times. It is recognized that three visits to each centre during the year would be a limited standard of supervision, although the service reported indicates a creditable accomplishment on the part of a small staff whose plans are subject to frequent interruption.

Six members of the staff took the Basic Course (A.R.P.)

The supervisors and staff nurses gave 76½ nursing days to the Normal School entrance examination project.

Nursing service was provided for chest clinics at Burks Falls, South River, Parry Sound and Huntsville and for an extensive immunization programme at Sturgeon Falls.

Two members of the staff were engaged from August to November in securing information for a study of the extent and adequacy of medical care within an area comprising five townships of Muskoka District.

Assistance was provided in connection with a survey of the health services in the City of Kingston.

The Chief Public Health Nurse and members of the supervisory staff participated in conferences with graduate and under-graduate students at the University of Toronto School of Nursing and the University of Western Ontario Institute of Public Health, and graduate students at the School of Hygiene, University of Toronto.

The Chief Public Health Nurse made 39 visits to 33 centres and addressed 21 meetings at which the total attendance was 1,735. During the year she has served on the nursing advisory committees of the Canadian Red Cross Society, Ontario Division, and the Ontario Society for Crippled Children; the Emergency Nursing Committee, Registered Nurses Association of Ontario; and two committees in connection with Civilian Defence.

Hostess Houses have been established at R. C. A. F. and R. A. F. stations and Army camps by the Y. W. C. A. under the War Auxiliary Services Department, and the work of the hostesses has revealed health needs arising from changing situations. Visits have been made to six of the hostess houses for the purpose of securing information.

In Elmira the question of re establishing the public health nursing service was voted upon in January. The majority of the voters being in favour of the service, the nurse who had resigned in March, 1940, was re-engaged and the programme re-organized.

In the Township of East York, adjacent to the City of Toronto, a promising development began during 1941. The local health authorities, with the co-operation of the University of Toronto Schools of Hygiene and Nursing and the Ontario Department of Health, undertook an extension of their health services. The public health nursing staff was increased through the appointment of a supervisor and three staff nurses and the nursing programme was re-organized. The population of the township is 39,638. In addition to the generalized nursing service given by the staff of the Board of Health which numbers eight, educational bedside services are provided by the local branch of the Victorian Order of Nurses and the St. Elizabeth Visiting Nursing Association.

In September a public health nursing service was re-established in Kenora after a lapse of eleven years. In Kingston and in Timmins increases were made in the nursing personnel.

The health service at the Toronto Normal-Model School, established in September, 1940, was terminated with the closing of the school at the end of June.

Throughout the year requests for information with reference to the establishment and extension of public health nursing services were received. Visits were made to twelve districts for the purpose of discussing with officials and interested citizens their local health problems and the ways in which public health nursing services might contribute to their solution.

Requests from Boards of Health and industrial managers for assistance in securing qualified personnel were received in connection with 20 permanent and 2 temporary appointments. By means of the contact maintained with our office by public health nurses available for positions at the completion of their courses, and also by nurses seeking to broaden their experience, it has been possible to meet every request. In view of the increasing demands for public health nursing service, it is noteworthy that the 1941-42 enrolment in the two University Public Health Nursing Courses is the largest in their history.

From several centres where industrial development has been marked the public health nurses have reported that women are accepting employment and leaving pre-school and school children without any provision for regular or suitable meals. The younger children are frequently found in the home or on the street without supervision.

A Refresher Course on Mental Hygiene at the University of Toronto School of Nursing was attended by one of the supervisors who prepared a summary of the lectures for distribution to the public health nurses of the Province.

At the request of the Public Health Section of the Registered Nurses' Association of Ontario a one-week Refresher Course in Industrial Nursing was offered by the University of Toronto. It was attended by 115 nurses, of whom 60 were from industries as widely separated as Fort William and Cornwall.

Through the co-operation of local Boards of Health and School Boards and their nursing staffs, one-month periods of field practice were made available to 18 graduate students and 5 senior students of the undergraduate course

at the University of Toronto School of Nursing. Some assistance was given in connection with the field practice programme of the University of Western Ontario Public Health Nursing course.

Two Ontario public health nurses were granted fellowships for advanced study by the Rockefeller Foundation. The provisions of the fellowships which covered a period of one year included academic work as well as field experience with rural and urban health agencies in Canada and the United States. A four-month period of experience was arranged for one of the fellows with the Orillia Board of Health.

Distinguished visitors during the year were: Miss Mary C. Connor, R.N., National Organization for Public Health Nursing, New York City; Lulu Wolf, R.N., Vanderbilt University, Nashville, Tennessee; Mrs. Soledad A. Buenafe, R.N., Manilla; Edith Fenton, Reg.N., Halifax; Isabel Chodat, Reg.N., Metropolitan Health Committee, Vancouver; Elizabeth Brackett, R.N., M.P.H., and Martha Jayne, R.N., Rockefeller students; Louise Harmon, R.N., Eastern Health Unit, Baltimore, and Mrs. E. A. Duke, President, Federated Women's Institutes of Ontario.

We are indebted to Miss Mary Clarke, Executive Director, Social Service Index for the privilege of visting the Index Office in connection with the staff education programme carried out during the last week of December. Miss Mildred Walker, Chief, Division of Study for Graduate Nurses, University of Western Ontario, contributed greatly by coming to us for a day to discuss problems in supervision. Thanks are due the Chief Medical Officer of Health and the Directors of the Divisions for their practical assistance with this programme.

Acknowledgement is made of the valuable contribution to the puclic health nursing in Ontario by the Ontario Society for Crippled Children through the services of Miss Gretta Ross, Reg. N., and Miss Margaret Armstrong, Reg.N., and also by the Canadian National Institute for the Blind through the work of Mrs. Margaret Moeller, Reg. N., in the conservation of vision programme.

Occasional conferences in the field between the supervisors of the Victorian Order of Nurses and our staff members continue to prove helpful.

The health teaching given by public health nurses associated with the Short Courses arranged by the Women's Institute Branch of the Department of Agriculture, has stimulated in several centres community interest in local health needs.

Our Honourary Consultant, Miss Elizabeth Smellie, C. B. E., R. R. C., Matron-in-Chief, R.C.A.M.C., has given generous assistance in the discussion of many problems.

To all members of the staff appreciation is extended for their loyal and cheerful co-operation.

DIVISION OF TUBERCULOSIS PREVENTION

G. C. Brink, M.B., *Director.*

The death rate from tuberculosis dropped to a new low of 26.9 per 100,000 for the year 1940. This represents a 25.3% decrease in the last five years.

During 1941, 6,377 patients received the benefit of sanatorium care. This is an increase of 147 over the number treated in sanatoria in 1940. While these figures are encouraging, the influence of those hazards associated with increased industrialization as a result of the war may more than offset the benefits that normally could be expected, considering the increased facilities for treatment during the last five years.

The fundamental principles in the prevention of tuberculosis, remain the same in war as in peace. War does change environment and living conditions. The influence of increased industrialization, particularly in females, was shown in the last war, when there was a definite rise in the morbidity and mortality from tuberculosis. In England the tuberculosis death rate in 1918 was 25% higher than in 1913. In 1940 the rate in England was 13% higher than in 1939. The estimated 1941 tuberculosis death rate in Ontario shows no appreciable change from that in 1940—the first time in several years that a decrease has not occurred.

There are two facts that give encouragement:

(1) The incidence of infection in the young adult age group is probably not more than one-quarter what it was in 1914-1918.

(2) The sources of infection, human and bovine, have been markedly decreased in the last twenty years.

Those conversant with the tuberculosis problem have expressed a doubt that the decrease in mortality rates will continue beyond the present level unless new methods in discovery are made available. It is also believed that the usual clinic programme, namely, the examination of potential cases (contacts) and those who may be suspected of having the disease, has definite limitations and is not sufficient in itself for the control of tuberculosis. Mass examinations would seem to be indicated if tuberculosis is to be found in its early stages before it has produced symptoms or has rendered the individual ill. The miniature X-ray film and the mobile X-ray unit will overcome many of the difficulties associated with the X-raying of large numbers of people in industry or selected groups in the general population. The X-ray examinations by the use of small films will be less costly and can be made at a more rapid rate.

The Division has secured a Photo-Roentgen Unit capable of taking 4"x5" films of the lungs and has found it most efficient in survey work. This X-ray unit is being installed in a large truck and will be available to most districts in the province. X-rays can be taken within the truck; or the machine can be removed to other quarters if conditions so indicate.

Although there is a definite shortage in medical staff, sanatorium and clinic facilities in Ontario have as yet been only slightly affected. The number of tuberculosis contacts and other persons being referred for examination by

X-ray was greater in 1941 than in any previous year. It is imperative that we hold the gains already made and to do this diagnostic and treatment facilities must continue to be used to the limit of their capacities and increased if possible.

PART I.

REPORT OF THE WORK DONE BY THE TRAVELLING CHEST CLINIC.

During 1941 the clinic work has been considerably handicapped on account of lack of staff. Since April the North Bay unit has been without a clinician and since June the Toronto unit has been in like position. Clinics have been conducted from these two offices by an X-ray technician and nurse. Although the procedure is not as satisfactory as one would wish it has worked quite well and has resulted in bringing to light many new cases of pulmonary tuberculosis which would not have been discovered if the clinic work had been discontinued in these two units.

Toronto Unit—23 clinics in 16 centres:

Brockville (2 visits); Lindsay (2 visits); Oshawa (2 visits); Midland (2 visits); Penetanguishene (2 visits); Shelburne (2 visits); Orangeville (2 visits); and one to each of the following—Tillsonburg, Leamington, Palmerston, Listowel, Owen Sound, Newmarket, Chesley, Hanover and Wiarton.

Ottawa Unit—31 Clinics in 16 centres:

Ottawa—12 clinics, Smith's Falls (2 visits), Renfrew (2 visits), Pembroke (2 visits), Hawkesbury (2 visits), and one to each of the following:—Prescott, Carleton Place, Arnprior, Bourget, Plantagenet, Eganville, Casselman, Rockland, Almonte, Kemptville and Perth.

Timmins Unit—15 Clinics in 8 outside centres:

Clinics in Timmins 3 days each week when staff not travelling. Englehart (2 visits); Kapuskasing (2 visits); Hearst (2 visits); Moonbeam (2 visits); Cochrane (2 visits), Smooth Rock Falls (3 visits), Iroquois Falls (1 visit), Larder Lake (1 visit).

Belleville Unit—35 Clinics in 16 centres:

Belleville (16 clinics); Peterborough (3 visits), Picton (2 visits), Port Hope (2 visits), and one visit to each of the following:—Marmora, Stirling, Cobourg, Bancroft, Hastings, Tweed, Campbellford, Havelock, Napanee, Haliburton, Madoc and Brockville.

North Bay Unit—37 Clinics in 20 centres:

North Bay (12 clinics); Sudbury (3 visits), Sault Ste. Marie (2 visits), Sturgeon Falls (2 visits); one visit to each of the following:—Cheapleau, Blind River, Thessalon, Verner, Mattawa, Espanola, Little Current, Gore Bay, Mindemoya, Manitowaning, Parry Sound, Burk's Falls, South River, Richard's Landing, Massey and Huntsville; also surveys of the House of Refuge and of the Indian School, Sault Ste. Marie.

Fort William Unit—30 Clinics in 18 centres:

(*a*) Nipigon (2 visits), Rainy River (2 visits), Emo (2 visits), Fort Frances (2 visits), Dryden (2 visits), Kenora (2 visits), Sioux Lookout (2 visits); one visit to Heron Bay, Geraldton, Beardmore, Upsala, Nolalu, Schreiber

(*b*) A clinic in each of four timber camps; (*c*) Surveys of five Indian Schools—St. John's Boarding School, Fort William; Cecilia Jeffrey School, Kenora; St. Mary's School, Kenora; Pelican Lake School, Sioux Lookout and Fort Frances Indian School.

Table I, General summary.

Tables II, III, and IV give details in respect to newly discovered cases of tuberculosis.

Tables V and VI give details in respect to persons recommended for sanatorium treatment.

Table VII gives details regarding changes in diagnoses made in repeat examinations.

Table VIII gives details regarding the present condition of ex-patients of sanatoria examined at the clinics.

Table IX gives the classification of non-tuberculous chest conditions.

TABLE I

SUMMARY OF CLINIC WORK

Findings	Examinations	Toronto	Ottawa	Belleville	Timmins	North Bay	Fort William	Totals
1. Pulmonary Tuberculosis	First	90	59	107	70	147	132	605
	Repeat	287	286	338	266	418	178	1773— 2378
(a) Active	First	37	26	35	48	64	43	253
	Repeat	28	26	41	21	72	21	209— 462
Inactive	First	53	33	72	32	73	89	352
	Repeat	259	260	297	245	346	157	1564— 1916
(b) Newly discovered	First	55	34	68	57	96	117	427
	Repeat	6	11	22	7	36	15	97— 524
Already known	First	35	25	39	13	51	15	178
	Repeat	281	275	316	259	382	163	1676— 1854
(c) Childhood (primary Infection) all types	First	7	3	13	1	12	35	71
	Repeat	11	17	21	31	20	39	139— 210
Minimal	First	40	22	51	42	52	57	264
	Repeat	138	151	161	114	188	67	819— 1083
Moderately advanced	First	31	23	26	23	51	24	178
	Repeat	117	105	116	93	156	56	643— 821
Far advanced	First	12	11	17	14	22	16	92
	Repeat	21	13	40	28	54	16	172— 264
2. Extra-pulmonary Tuberculosis	First	3	2	10	2	2	6	25
	Repeat	5	1	12	4	0	7	29— 54
3. Suspected tuberculosis	First	0	5	6	8	4	8	31
	Repeat	0	7	11	5	4	3	30— 61
4. Recommended for Sanatorium	First	30	26	28	52	50	43	229
	Repeat	20	17	34	23	52	20	166— 395
5. Non-Tuberculous Chest Disease	First	79	48	113	47	43	54	384
	Repeat	35	58	52	31	28	36	240— 624
6. No Disease	First	898	755	1204	1245	1436	1214	6752
	Repeat	626	663	636	790	838	759	4312—11064
7. Number Individuals Examined		1868	1744	2247	2349	2690	2241	13139
8. Pneumothorax refills given		0	0	412	311	0	0	723
9. Totals	First	1070	869	1440	1382	1622	1414	7797
	Repeat	953	1015	1049	1096	1288	983	6384—14181
10. Total Number of Examinations		2023	1884	2489	2478	2910	2397	14181

TABLE II

1st.—1st Examination

R.—Repeat Examination

CLASSIFICATION OF NEWLY DISCOVERED CASES—TOTAL 524

Age Groups	Totals		History of Contact	Childhood				Minimal				Moderately Advanced				Far Advanced				Extra Pulmonary			
				Active		Inactive		Active		Inactive		Active		Inactive		Active		Inactive		Active		Inactive	
	1st	R.		1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.
0 to 4	17	2	+	11	1	5	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....
	5	0	—	1	....	2	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....
5 to 9	35	8	+	6	3	21	2	3	1	2	2	2	....	....	....	....	....	....	....	1	....	....	....
	6	1	—	1	....	4	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
10 to 14	20	12	+	....	1	6	3	9	6	1	1	2	....	....	....	1	....	....	....	1	....	....	1
	6	3	—	....	....	2	1	1	1	1	....	1	....	....	....	1	1	....	....	....	....	....	....
15 to 19	21	13	+	....	....	3	....	4	7	4	4	5	....	....	....	5	2	....	....	....	....	....	....
	16	4	—	....	1	3	1	5	1	....	....	4	1	....	....	4	....	....	....	....	....	....	....
20 to 24	20	10	+	....	....	....	....	3	4	3	4	7	1	2	....	5	1	....	....	....	....	....	....
	24	11	—	....	1	....	....	8	5	5	3	4	1	....	....	8	1	....	....	....	....	....	....
25 to 29	15	5	+	....	....	....	....	5	3	5	2	3	....	....	....	2	....	....	....	....	....	....	....
	18	8	—	....	1	....	....	4	3	4	2	6	....	....	....	4	1	....	....	....	....	....	....
30 to 39	25	3	+	....	....	....	....	6	2	11	1	6	....	....	....	2	....	....	....	....	....	....	....
	51	2	—	....	....	....	....	13	....	21	1	7	1	5	....	5	....	....	....	....	....	....	....

TABLE II—Continued

1st.—1st Examination

R.—Repeat Examination

CLASSIFICATION OF NEWLY DISCOVERED CASES—TOTAL 524

Age Groups	Totals		History of Contact	Childhood				Minimal				Moderately Advanced				Far Advanced				Extra Pulmonary			
				Active		Inactive		Active		Inactive		Active		Inactive		Active		Inactive		Active		Inactive	
	1st	R.		1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R
40 to 49	22	9	+	....	....	....	....	5	2	10	6	3	1	4	....	....	....	....	....	....	....	....	....
	47	2	—	....	....	....	....	13	....	19	1	6	....	4	....	4	1	....	....	....	....	1	....
50 to 59	12	1	+	....	....	....	....	1	1	6	....	2	....	1	....	1	....	1	....	....	....	....	....
	26	2	—	....	....	....	....	5	....	8	1	7	....	3	1	3	....	....	....	....	....	....	....
60 to 69	13	1	+	....	....	....	....	1	....	5	1	2	....	3	....	2	....	....	....	....	....	....	....
	16	0	—	....	....	....	....	1	....	6	....	3	....	1	....	5	....	....	....	....	....	....	....
70 and over	4	0	+	....	....	....	....	....	....	2	....	....	....	....	....	2	....	....	....	....	....	....	....
	7	0	—	....	....	....	....	....	....	....	....	4	....	1	....	2	....	....	....	....	....	....	....
	427	97	+268	17	5	35	5	37	26	49	21	33	2	10	0	20	3	1	....	2	1	0	1
	....	....	—256	2	3	11	3	50	10	66	8	42	4	14	1	36	4	0	....	1	0	1	0
	....	....		19	8	46	8	87	36	115	29	75	6	24	1	56	7	1	....	3	1	1	1
	524		524	(81)				(267)				(106)				(64)				(6)			

Remarks on Table II:

1. 268, or 51.1%, of the newly discovered cases gave a history of contact with tuberculosis, while 256, or 48.9% gave no history of contact.

2. 261, or 49.8%, were recommended for sanatorium treatment.

Of these, 116 did not realize they were ill, as follows:

Childhood (primary infection)	9
Minimal	67
Moderately advanced	22
Far advanced	18
	116

3. Of the 268 cases giving a history of contact with tuberculosis, 210, or 78.3%, attended the clinic because of contact only and with no symptoms referable to the chest.

TABLE III

TABLE SHOWING RELATION OF NUMBER OF NEW CASES OF TUBERCULOSIS DISCOVERED TO NUMBER OF CONTACTS EXAMINED

Age Groups	Number Contacts Examined for First Time	Number Cases of Tuberculosis Discovered (Primary Infection Type not Included)	Percentage of Contacts Examined Showing Disease %	Number of Cases of Active Tuberculosis Discovered (Primary Infection Type not Included)	Percentage of Contacts Examined Showing Active Disease %
0 to 4	278	1	.36	1	.35
5 to 9	430	8	1. 8	6	1.47
10 to 14	436	14	3. 2	13	2. 9
15 to 19	387	18	4. 6	14	3. 6
20 to 24	410	20	4. 9	15	3. 8
25 to 29	423	15	3. 5	10	2. 4
30 to 39	521	25	4. 8	14	2. 7
40 to 49	316	22	6. 9	8	2. 5
50 to 59	183	12	6. 6	4	2. 2
60 to 69	105	13	12. 4	5	4. 8
70 and over	46	4	8. 7	2	4. 3
	3535	152	4. 3	92	2. 6

Remarks on Table III:

The above Table indicates that the examination of contacts will reveal a greater percentage of cases of tuberculous disease and a greater number of cases requiring treatment than will be found in the same number of the general population in the same age groups.

TABLE III (a)

TABLE SHOWING RELATION OF NUMBER OF NEW CASES OF TUBERCULOSIS DISCOVERED TO PERSONS X-RAYED IN THE GENERAL POPULATION

Age Groups	Number X-Rayed	Number Cases of Tuberculosis Discovered (Primary Infection Type not Included)	Percentage Showing Disease %	Number Cases of Active Tuberculosis Discovered (Primary Infection not Included)	Percentage Showing Active Disease %
15 to 19	87	0	.....	0	.....
20 to 24	210	2	1.0	2	1.0
25 to 29	312	0	.....	0	.....
30 to 39	606	8	1.3	2	0.3
40 to 49	602	13	2.1	1	0.1
50 to 59	531	16	3.0	0	.....
60 to 69	236	9	3.8	0	.....
70 and over	19	1	5.2	0	.....
Age not Stated	96	0	.....	0	.....
Totals.....	2699	49	1.7	5	.18

TABLE IV

SUMMARY OF NEWLY DISCOVERED CASES

Classification	Number	Percentage of Total %	Percentage of Number with re-Infection (Adult) Type of Disease %
Pulmonary:			
Childhood (Primary infection)	81	15.4	.....
Minimal.....	267	51.9	61.1
Moderately advanced.....	106	20.3	24.3
Far Advanced.....	64	12.3	14.6
Extra-pulmonary.....	6	1.1	.....
Total.....	524	100.	100.

Remarks on Table IV:

261 of the 524 Newly Discovered Cases required sanatorium treatment; in the remainder the disease was considered to be inactive; in many instances it was apparently of long standing.

TABLE V

1st—1st Examination.
R.—Repeat Examination.

CLASSIFICATION OF CASES RECOMMENDED FOR SANATORIUM TREATMENT—TOTAL 395

Age Groups	Totals		History of Contact	Childhood				Minimal				Moderately Advanced				Far Advanced				Extra Pulmonary Tuberculosis								Suspects.	Silicosis
				Active		Inactive		Active		Inactive		Active		Inactive		Active		Inactive		Pleurisy with Effusion		Tbc. Knee		Tbc. Spine		Aden-itis			
	1st	R.		1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.		
0 to 4	6	1	+	5	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....		
	....	....	—	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5 to 9	11	5	+	4	3	....	....	3	2	....	....	2	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....
			—	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10 to 14	12	6	+	....	1	....	....	9	4	....	....	2	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....
	3	5	—	....	....	....	....	1	1	....	....	1	....	....	....	1	2	....	....	....	1	....	....	....	1	....	....	....	....
15 to 19	14	13	+	....	....	....	....	3	8	....	....	5	2	....	....	5	2	....	....	1	1	....	....	....	....	....	....	....	....
	16	5	—	....	....	....	....	5	1	....	1	4	1	....	....	4	....	....	....	3	2	....	....	....	....	....	....	....	....
20 to 24	16	16	+	....	....	....	....	4	7	....	....	6	8	....	....	5	1	....	....	1	....	....	....	....	....	....	....	....	....
	23	12	—	....	1	....	....	6	6	1	2	4	1	....	....	10	2	....	....	2	....	....	....	....	....	....	....	....	....
25 to 29	9	16	+	....	....	....	....	3	4	....	....	3	7	....	....	2	5	....	....	1	....	....	....	....	....	....	....	....	....
	14	18	—	....	1	....	....	5	6	....	1	5	7	....	....	3	3	....	....	1	....	....	....	....	....	....	....	....	....
30 to 39	12	15	+	....	....	....	....	3	4	....	....	7	6	....	....	2	5	....	....	....	....	....	....	....	....	....	....	....	....
	26	17	—	....	....	....	....	11	2	....	....	6	11	1	1	6	3	....	....	2	....	....	....	....	....	....	....	....	....

TABLE V—Continued

1st—1st Examination.

R.—Repeat Examination

CLASSIFICATION OF CASES RECOMMENDED FOR SANATORIUM TREATMENT—TOTAL 395

Age Groups	Totals		History of Contact	Childhood				Minimal				Moderately Advanced				Far Advanced				Extra Pulmonary Tuberculosis								Suspects.	Silicosis
				Active		Inactive		Active		Inactive		Active		Inactive		Active		Inactive		Pleurisy with Effusion		Tbc. Knee		T.bc Spine		Aden-itis			
	1st	R.		1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.		
40 to 49	6	4	+	....	....	....	....	3	1	....	....	3	....	....	1	....	2	....	....	....	....	....	....	....	....	....	....	....	....
	23	15	—	....	....	....	....	10	2	1	....	5	7	2	....	5	6	....	....	....	....	....	....	....	....	....	....	....	....
50 to 59	5	6	+	....	....	....	....	2	1	....	....	1	2	....	1	2	1	....	....	....	....	....	....	....	....	....	1	....	....
	15	8	—	....	....	....	....	2	....	....	....	6	5	....	....	5	3	....	....	....	....	....	....	....	....	....	....	1	1
60 to 69	3	2	+	....	....	....	....	1	....	....	....	....	2	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....
	11	2	—	....	....	....	....	1	....	....	....	3	....	1	....	6	2	....	....	....	....	....	....	....	....	....	....	....	....
70 and Over	2	0	+	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....
	2	0	—	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
	229	166	+180	9	4	....	....	31	31	0	0	30	27	0	2	21	16	....	....	4	2	....	1	....	0	1	1	0	0
	....	....	—215	0	2	....	....	41	18	2	4	35	32	4	1	41	21	....	....	8	3	....	0	....	1	0	0	1	1
	....	....		9	6	....	....	72	49	2	4	65	59	4	3	62	37	....	....	12	5	....	1	....	1	1	1	1	1
				(15)				(127)				(131)				(99)				(21)									

Remarks on Table V:

Of the 395 persons recommended for sanatorium treatment 109 did not realize they were ill; as follows:—

	1st Exam.	Repeat Exam.
Childhood (Primary Infection).....	9	1
Minimal.....	44	15
Moderately Advanced.....	21	5
Far Advanced.....	11	3
	85	24

TABLE VI

SUMMARY OF ALL CASES RECOMMENDED FOR SANATORIUM TREATMENT

Classification	Number	Percentage of Total %	Percentage of Number with Adult Type of Disease %
Pulmonary—			
Childhood (Primary Infection).....	15	3.8	.....
Minimal.....	127	32.2	35.6
Moderately Advanced.....	131	33.2	36.7
Far Advanced.....	99	25.1	27.7
Extra Pulmonary Tuberculosis.....	21	5.3	.....
Silisosis.....	1	.2	.....
Suspects.....	1	.2	.....
Totals.....	395	100.	100.

Remarks on Table VI:

There has been a slight rise in the percentage of minimal cases recommended for sanatorium treatment during the last few years.

TABLE VII

CHANGES IN DIAGNOSIS ON REPEAT EXAMINATIONS
DIAGNOSIS AT CLINIC EXAMINATION—1941

PREVIOUS DIAGNOSIS	Total	No Change	No Disease	Suspects	Childhood (Prim. Infec.) Active	Childhood (Prim. Infec.) Inactive	Minimal Active	Minimal Inactive	Moderately Advanced Active	Moderately Advanced Inactive	Far Advanced Active	Far Advanced Inactive	Extra Pul. Tuberculosis	Thickened Pleura	Pleurisy with Effusion	Other Non-Tuberculous Chest Conditions
No Disease	4234	4138	....	12	6	13	22	14	1	1	3	....	3	4	5	12
Suspects	81	15	39	....	1	2	11	8	1	....	3	....	....	1	....	....
Childhood—Ac. (Primary Infection)	23	2	9	....	....	10	1	....	....	....	1	....	....	....	....	....
Childhood—Inac.	133	99	30	....	1	....	1	2	....	....	....	....	....	....	....	....
Minimal Active	92	16	4	....	....	....	....	57	4	8	3	....	....	....	....	....
Minimal Inactive	700	628	33	....	....	2	12	....	12	10	1	1	....	....	....	1
Moderately Advanced Active	90	31	2	....	....	2	....	9	....	39	4	3	....	....	....	....
Moderately Advanced Inactive	547	479	5	....	....	1	....	30	24	....	4	1	....	....	1	2
Far Advanced Active	76	30	1	....	....	....	....	1	3	25	1	15	....	....	....	....
Far Advanced Inactive	103	97	....	....	....	....	....	....	....	3	3	....	....	....	....	....
Extra Pulmonary Tuberculosis	26	25	1	....	....	....	....	....	....	....	....	....	....	....	....	....
Thick. Pleura	68	45	16	2	....	....	2	....	1	1	....	....	1	....	....	....
Pleurisy with Effusion	23	6	4	....	....	....	1	3	....	....	....	....	....	8	....	1
Other Non-Tbc. Chest Condit'ns	187	151	29	1	....	1	1	1	....	....	2	....	....	1	....	....
	.....	5762	173	15	8	31	51	125	46	87	25	20	4	14	6	16

Remarks on Table VII:

1. Of 4,234 persons examined by our travelling clinics in some previous year and classified as having no disease, 68 or 1.6% developed some form of tuberculous disease.

2. Of 1,350 persons examined by our travelling clinics in some previous year and classified as having inactive adult type of disease, 56 or 4.1% had become reactivated.

3. Of 81 persons examined by our travelling clinics in some previous year and classified as suspects 26 or 32.1% developed some type of tuberculous disease. The personal equation enters into the classification of suspects. However, the adequate follow-up of those suspected of having tuberculous disease is shown to be well worth while.

4. Of 156 persons examined by our travelling clinics in some previous year and classified as having childhood type of disease, only 5 or 3.2% had developed adult type of disease.

5. Of 792 persons examined by our travelling clinics in some previous year and classified as having minimal disease, in only 39 or 4.9% had the disease extended.

6. Of 547 persons examined by our travelling clinics in some previous year and classified as having moderately advanced inactive disease, 28 or 5.1% had become active.

7. Of 103 persons examined by our travelling clinics in some previous year and classified as having advanced inactive disease, 3 or 2.9% had become active.

TABLE VIII

CLASSIFICATION (on last examination) OF PATIENTS WHO HAD RECEIVED SANATORIUM TREATMENT—Total 870

Age Groups	Sex	No Tuberculous Disease	Suspect	Childhood		Minimal		Moderately Advanced		Far Advanced		Extra Pulmonary		Pleurisy with Effussion	Thickened Pleura	Bronchiectasis	Chronic Bronchitis	Hydro Pneumo thorax
				Active	Inactive	Active	Inactive	Active	Inactive	Active	Inactive	Active	Inactive					
0 to 4	M	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5	M	1	....	....	2	....	1	....	....	....	....	....	1	....	....	....	....	...
9	F	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	...	...
10 to 14	M	3	....	....	3	....	7	....	1	1	....	....	....	....	....	....	...	....
	F	3	....	....	2	....	3	....	4	....	....	....	1	....	1	....	....	....
15 to 19	M	4	....	....	....	....	13	....	7	....	....	....	....	....	1	....	....	....
	F	4	....	....	1	1	7	1	6	....	1	....	1	....	....	....	....	....
20 to 24	M	3	....	....	....	2	34	1	28	....	6	....	....	....	....	....	....	1
	F	2	....	....	....	2	31	2	20	3	2	....	....	1	1	....	....	....
25 to 29	M	4	....	....	....	1	21	3	26	3	18	....	....	....	....	....	....	....
	F	1	....	....	1	....	24	6	31	2	13	....	....	....	1	....	....	....
30 to 39	M	6	....	....	....	2	49	4	36	3	18	1	2	1	3	....	....	....
	F	3	....	....	1	2	38	6	54	3	12	....	1	....	1	....	....	..

TABLE VIII—Continued

CLASSIFICATION (on last examination) OF PATIENTS WHO HAD RECEIVED SANATORIUM TREATMENT—Total 870

Age Groups	Sex	No Tuberculous Disease	Suspect	Childhood		Minimal		Moderately Advanced		Far Advanced		Extra Pulmonary		Pleurisy with Effussion	Thickened Pleura	Bronchiectasis	Chronic Bronchitis	Hydro-Pneumo thorax
				Active	Inactive	Active	Inactive	Active	Inactive	Active	Inactive	Active	Inactive					
40 to 49	M	1	....	....	....	....	15	5	30	4	12	....	1	....	....	....	....	....
	F	6	....	....	....	1	18	....	33	4	16	....	....	....	....	1	....	....
50 to 59	M	2	....	....	....	....	6	....	16	6	8	1	....	....	....	....	1	....
	F	2	....	....	....	4	....	10	1	3	....	2	....	....	....	....	....	....
60 to 69	M	1	....	....	....	1	7	....	1	3	2	....	1	....	....	....	....	....
	F	....	....	....	....	....	2	....	7	....	4	....	....	....	....	....	....	...
70 and Over	M	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....
	F	1	....	....	....	....	1	....	1	1	....	....	....	....	....	....	....	....
Totals	...	49	....	....	12	12	281	28	313	35	115	2	10	2	8	1	1	1

Remarks on Table VIII:

1. 870 persons who had received sanatorium treatment attended the clinics.

2. In 49 or 5.6% the disease by X-ray had cleared or become so well healed that it was not considered to be a factor at the present time.

3. Of the 810 with tuberculous disease still evident, 77 or 9.5% were considered to have active disease and in need of further sanatorium treatment; 733 were considered to have inactive disease.

TABLE IX

CLASSIFICATION OF NON-TUBERCULOUS CHEST CONDITIONS
(Excluding Pleurisy)

	1st Examination	Repeat Examination	Total Examinations
Chronic Bronchitis	78	20	98
Bronchiectasis	31	31	62
Asthma	35	20	55
Pneumonia	38	12	50
Heart Disease	32	11	43
Silicosis	8	12	20
Lung Abscess	6	9	15
Cancer (provisional diagnosis)	5	3	8
Pulmonary Fibrosis	3	3	6
Empyema (non-tuberculous)	4	1	5
Fungus Infection	0	3	3
Atelectasis	2	0	2
Spontaneous Pneumothorax	1	0	1
Congenital Cyst	1	0	1
Diaphragmatic Hernia	1	0	1
Hydropneumothorax	1	0	1
Non - tuberculous infections, or undiagnosed conditions	29	21	50
Totals	275	146	421

TABLE X

SUMMARY OF CLINIC EXAMINATIONS—SANATORIUM EXTENSION AND MUNICIPAL CHEST CLINICS

	TORONTO CLINICS																			
	Hosp. for Sick Children	St. Michael's Hospital	St. Joseph's Hospital	Women's College Hospital	Toronto General Hospital	Western Hospital	Gage Institute	Brantford Sanatorium	Cornwall Sanatorium	Frot William Sanatorium	Gravenhurst Sanatorium	Haileybury Sanatorium	Hamilton Sanatorium	Kingston Sanatorium	Kitchener Sanatorium	London Sanatorium	Ottawa Sanatorium	St. Catharines Sanatorium	Windsor Sanatorium	Total
I. First Examinations:																				
1. Primary Infection — Active	0	0	0	0	0	0	0	0	4	2	0	1	0	6	10	1	1	8	7	40
1. Primary Infection — Inactive	0	0	0	0	0	0	0	0	25	8	1	0	3	1	3	7	1	1	11	61
2. Minimal — Active	0	5	1	0	5	6	29	3	9	20	4	11	10	8	12	16	9	31	7	186
2. Minimal — Inactive	1	10	2	3	36	21	20	24	16	14	7	11	13	7	11	41	17	47	11	312
3. Moderately Advanced — Active	0	18	5	0	24	13	35	12	9	20	5	6	21	7	18	16	15	31	6	260
3. Moderately Advanced — Inactive	0	55	19	1	43	71	65	7	16	7	2	3	21	5	5	14	3	25	2	364
4. Far Advanced — Active	0	9	5	0	8	6	56	3	14	27	2	2	23	6	8	23	10	44	4	250
4. Far Advanced — Inactive	0	6	1	0	18	25	10	10	5	0	4	0	12	8	0	13	0	6	1	119
5. Non-Pulmonary Tuberculosis — Active	6	1	0	1	0	0	3	0	1	5	0	0	7	4	3	11	3	10	2	57
5. Non-Pulmonary Tuberculosis — Inactive	12	6	0	1	8	4	3	1	0	0	2	0	2	2	0	3	3	5	1	53
6. Pleurisy — With Effusion	2	9	0	0	0	2	0	2	0	8	1	4	10	0	11	13	5	15	3	85
6. Pleurisy — Thickened Pleura	1	2	0	1	0	2	7	0	4	15	7	4	1	1	2	4	2	0	1	54
7. Suspects	103	38	9	4	30	22	574	3	27	17	3	35	4	13	55	0	17	0	19	973
8. Non-Tuberculous Chest Conditions	36	189	57	6	37	133	142	64	46	224	30	12	153	40	173	522	29	0	85	1688
9. Undiagnosed	48	12	2	0	18	70	0	3	9	11	7	13	94	0	50	69	1	0	6	413

TABLE X—Continued

SUMMARY OF CLINIC EXAMINATIONS—SANATORIUM EXTENSION AND MUNICIPAL CHEST CLINICS

	TORONTO CLINICS																			
	Hosp. for Sick Children	St. Michael's Hospital	St. Joseph's Hospital	Women's College Hospital	Toronto General Hospital	Western Hospital	Gage Institute	Brantford Sanatorium	Cornwall Sanatorium	Frot William Sanatorium	Gravenhurst Sanatorium	Haileybury Sanatorium	Hamilton Sanatoriun	Kingston Sanatorium	Kitchener Sanatorium	London Sanatorium	Ottawa Sanatorium	St. Catharines Sanatorium	Windsor Sanatorium	Total
10. No Tuberculous Disease	35	116	16	36	26	9	2633	502	653	292	174	214	926	228	379	784	297	0	153	9373
11. Total First Examinations	222	355	84	46	111	234	3577	604	750	544	236	296	1310	906	740	1457	413	0	319	12224
11. Repeat Examinations:																				
1. Pulmonary Active Tuberculosis	9	24	9	0	26	53	108	5	17	14	4	40	44	9	74	125	34	....	13	608
Inactive	9	185	45	9	325	331	583	137	219	494	54	33	1082	48	312	452	130	....	114	4562
2. Non-Pulmonary Tuberculosis Active	4	3	0	0	0	1	3	1	3	1	1	0	2	3	7	19	4	....	1	53
Inactive	113	10	1	4	19	3	7	2	11	6	0	11	61	3	13	68	2	....	9	373
3. Non-Tuberculous Chest Conditions	115	150	55	9	49	245	92	27	23	82	9	15	98	13	46	403	15	....	14	1460
4. Suspects	69	42	13	6	31	62	520	7	18	26	0	53	0	3	33	0	5	....	17	1005
5. Undiagnosed	112	4	2	0	38	77	0	0	3	7	0	20	7	0	9	5	0	....	4	288
6. No Tuberculous Disease	107	11	22	37	26	7	1811	123	285	133	31	55	1356	140	397	1011	226	....	107	5885
7. Total Repeat Examinations	3206	4272	1420	282	3834	7830	3124	302	579	763	99	227	2650	416	1161	2083	802	....	279	33629

CLINIC WORK AMONG TREATY INDIANS

Examinations were carried out on Treaty Indians as follows:

(a) Surveys of Indian Schools	497
(b) Referred to Clinics in various centres	652
	1149

TABLE XI

RESULTS OF CLINIC EXAMINATIONS OF TREATY INDIANS

Number of Cases of Active Tuberculosis	67
Number of Cases of Inactive Tuberculosis	119
Number of Cases of Newly Discovered Cases of Tuberculosis	103
Number of Cases recommended for Sanatorium	46

TABLE XII

THE AVERAGE COST OF DISCOVERING A CASE OF TUBERCULOUS DISEASE ON FIRST EXAMINATION

(Based on average cost of $4.16 per clinic examination.)

Age Groups	Number of First Examinations	Total Cost of Examinations	Number of Cases Tuberculous Disease Discovered	Average Cost per Case	Number of Cases Discovered requiring Sanatorium Treatment	Average cost of Discovering a Case requiring Sanatorium Treatment
0 to 4	375	$1,559.00	22	$ 70.86	8	$194.87
5 to 9	668	2,778.88	41	67.77	9	308.76
10 to 14	735	3,057.60	26	117.60	15	203.84
15 to 19	883	3,683.28	37	99.54	29	127.01
20 to 24	1022	4,251.52	45	94.48	34	125.04
25 to 29	997	4,147.52	33	125.68	20	207.38
30 to 39	1423	5,919.68	76	77.89	37	159.99
40 to 49	829	3,448.64	69	49.98	32	107.77
50 to 59	525	2,184.00	38	57.47	14	156.00
60 to 69	251	1,044.16	29	36.00	11	94.92
70 and Over	89	370.24	11	33.66	4	92.56
Totals	7797	$32,444.52	427	75.96	213	154.66

TABLE XIII

THE AVERAGE COST OF DISCOVERING A NEW CASE OF TUBERCULOUS DISEASE BY REPEAT EXAMINATION

(Based on average cost of $4.16 per Clinic Examination)

Number of Repeat Examinations	4,708	
Cost of this Service		$19,585.28
Number of New Cases of Tuberculosis Discovered	97	
Average Cost per case		201.91
Number of cases Recommended for Sanatorium	53	
Average Cost per case		369.53

MISCELLANEOUS

1. 884 films have been interpreted in the Central Office for various agencies—public hospitals, industrial schools, schools and private physicians.

2. 1,208 films were taken in the Central Office—113 on applicants, 138 on Provincial Police, 61 for Mothers' Allowance Commission, 71 on ex-patients of sanatoria receiving post-sanatorium care from the Department, 49 on teachers-in-training, 102 on members of staff of hospitals having no X-ray facilities, 212 on members of staff of various departments, 6 on recruits rejected because of chest conditions, 268 on persons referred by staff physicians and 188 referred by outside physicians.

3.* A record has been kept of all soldiers and recruits reported with tuberculous disease.

1. Soldiers	Number admitted to sanatorium	194
(a) Residents of Ontario.	Number discharged from Sanatorium	123
	Number still under treatment	71
(b) Residents of other provinces or U. S. A.	Number admitted to Sanatorium	12
	Number discharged from Sanatorium	9
	Number still under treatment	3
(c) Royal Norwegian Forces.	Number admitted to Sanatorium	39
	Number discharged from Sanatorium	5
	Number still under treatment	34
(d) Royal Air Force.	Number admitted to Sanatorium	21
	Number discharged from Sanatorium	6
	Number still under treatment	15
2. Recruits.	Number admitted to Sanatorium	110
	Number discharged from Sanatorium	55
	Number still under treatment	55

Total number admitted to Sanatorium	376
Total number discharged from Sanatorium	198
Total number still under treatment	178

PART II

TUBERCULIN TESTING AND X-RAYING OF STUDENTS IN NORMAL SCHOOLS AND THE COLLEGE OF EDUCATION

The Division co-operated with the Department of Education in carrying out this work.

*As of Dec. 31, 1941.

TABLE XIV

	Number Enrolled	Number Tuberculin Tested	Number of Reactors	Percentage of Reactors %	Number X-Rayed	No. Showing Evidence Active Tuberculous Disease	Percentage with Active Tuberculous Disease %
Normal Schools	1,127	995	173	17.4	330	4	.35
College of Education.	205	165	31	18.8	78	0	0

Remarks: The percentage of reactors has decreased considerably during the past few years.

PART III

All Public and Red Cross Hospitals, Hospitals for Incurables, and Sanatoria reported the work done in respect to the tuberculin testing and X-raying of Graduate and Non-graduate Nurses on their staff.

There was a slight increase in the number of Non-graduate Nurses developing tuberculous disease, 32 being reported for 1941 as compared with 23 for 1940. From the records submitted, it is evident that student nurses should be tuberculin tested more often than once a year and if they react to tuberculin they should be X-Rayed more than once a year.

TABLE XV

RECORD OF TUBERCULIN TESTING AND X-RAYING OF GRADUATE AND NON-GRADUATE NURSES IN PUBLIC AND RED CROSS HOSPITALS, HOSPITALS FOR INCURABLES AND SANATORIA—1941

	Institutions Reporting	Number Reported	Number Reactors	Percentage Reactors %	Number X-Rayed	Number Previously Known Cases Tuberculous Disease	Number Newly Discovered Cases Tuberculous Disease	Percentage of Total with Newly Discovered Tuberculous Disease %
Graduates	Public and Red Cross Hospitals.	3,121	2,306	73.9	2,146	21	7	.22
	Hospitals for Incurables	150	94	62.6	75	1	0	.....
	Sanatoria	697	671	96.2	666	41	5	.72
	Totals. ..	3,968	3,071	77.4	2,887	63	12	.30
Non-Graduates	Public and Red Cross Hospitals	5,341	2,336	43.7	2,805	3	31	.58
	Hospitals for Incurables	182	66	36.2	47	0	0	.....
	Sanatoria	162	146	90.1	148	14	1	.61
	Totals. ..	5.685	2.548	44.8	3.000	17	32	.56

GRADUATE NURSES

CLASSIFICATION OF DISEASE		DISPOSAL
1. Newly Discovered Disease.		
*8 Minimal Active	(a)	5 entered sanatorium.
	(b)	3 treated at home.
*1 Moderately advanced, active		Entered sanatorium.
2 Minimal, inactive		Remained on duty.
*1 Pleurisy with effusion		Entered sanatorium.

* Of the 12 newly discovered cases of tuberculosis 11 required treatment.

2. Previously Known.		
37 Minimal inactive		Remained on duty.
22 Moderately advanced, inactive		Remained on duty.
4 Far advanced, inactive		Remained on duty.

NON-GRADUATE NURSES

1. Newly Discovered Disease.		
*9 Pleurisy with effusion	(a)	8 entered sanatorium.
	(b)	1 treated in hospital and at home.
*1 Adenitis		Entered sanatorium.
*16 Minimal active	(a)	12 entered sanatorium.
	(b)	2 treated in hospital.
	(c)	2 treated at home.
*4 Moderately advanced, active		Entered sanatorium.
*1 Far advanced, active		Entered sanatorium.
*1 Minimal inactive		Remained on duty.

* Of the 32 newly discovered cases of tuberculosis, 31 required treatment.

2. Previously Known.		
5 Minimal inactive		Remained on duty.
6 Moderately advanced, inactive		Remained on duty.
5 Far advanced, inactive		Remained on duty.
*1 Moderately advanced, active		Entered sanatorium.

*One previously known case became active and required treatment.

PART IV

HISTORY OF SANATORIUM TREATMENT WITHIN FIVE YEARS OF DEATH IN PERSONS DYING OF TUBERCULOSIS IN ONTARIO IN 1940

With the co-operation of the sanatoria, the record of persons dying of tuberculosis in Ontario in 1940, who had received sanatorium treatment within five years of death, was obtained.

Table XVI gives the summary of the findings for deaths from all forms of tuberculosis as well as for pulmonary only. A separate tabulation has been made for Indians; whites; and whites and Indians combined.

It will be noted that 64.3% of all persons dying of tuberculosis had been in sanatorium, while 73.3% of those dying of pulmonary tuberculosis, had received sanatorium treatment. (If the white population only is counted, these percentages are 68.2% and 77.2%, respectively.)

Tables XVII, XVIII, and XIX give the details re deaths from pulmonary tuberculosis in counties, districts, cities and towns.

Table XX shows the analysis of those persons (excluding Treaty Indians) who died of pulmonary tuberculosis in 1940 who had not been in sanatorium within five years of death. It will be noted that 62% of these were over 50 years of age and 45% were over 60 years of age, indicating that a source of infection is often present in the home in persons in the higher age group.

TABLE XVI

HISTORY OF SANATORIUM TREATMENT WITHING FIVE YEARS OF DEATH IN PERSONS DYING OF TUBERCULOSIS IN ONTARIO IN 1940

Place of Residence	Whites and Indians					
	All Forms			Pulmonary Only		
	Number of Deaths	Number Treated in Sanatorium	Percentage	Number of Deaths	Number Treated in Sanatorium	Percentage
*Districts	160	79	49.4	131	74	56.9
*Counties	330	194	58.8	261	181	69.3
Cities and Towns 5,000 and over.	547	394	72.0	466	374	80.2
Totals	1037	667	64.3	858	629	73.3
			Indians			
*Districts	71	12	16.7	55	10	18.1
*Counties	16	7	43.7	8	5	62.5
Cities and Towns 5,000 and over.	.....	.....	.....	.....	.....	.....
Totals	87	19	21.8	63	15	23.8
			Whites			
*Districts	89	67	75.3	76	64	84.2
*Counties	314	187	59.5	253	176	69.5
Cities and Towns 5,000 and over.	547	394	72.0	466	374	80.2
Totals	950	648	68.2	795	614	77.2

*Excluding Cities and Towns of 5,000 and over.

TABLE XVII

HISTORY OF SANATORIUM TREATMENT WITHIN FIVE YEARS OF DEATH

In Persons Dying of Tuberculosis (Pulmonary Only) Ontario, 1940

(Counties exclusive of Cities and Towns of 5,000 and Over).

Counties	Pulmonary Tuberculosis Deaths			*Sanatorium Treatment			Percentage Treated in Sanatorium		
	Whites	Indians	Total	Whites	Indians	Total	Whites	Indians	Total
Addington	5	0	5	4	....	4	80	....	80
Brant	3	1	4	3	1	4	100	100	100
Bruce	5	4	9	3	1	4	60	25	44
Carleton	7	0	7	6	....	6	86	....	86
Dufferin	2	0	2	1	....	1	50	....	50
Dundas	2	0	2	0	....	0	0	....	0
Durham	7	0	7	5	....	5	71	....	71
Elgin	4	0	4	2	....	2	50	....	50
Essex	4	0	4	4	....	4	100	....	100
Frontenac	5	0	5	4	....	4	80	....	80
Glengarry	5	0	5	3	....	3	60	....	60
Grenville	5	0	5	5	....	5	100	....	100
Grey	5	0	5	4	....	4	80	....	80
Haldimand	6	1	7	3	1	4	50	100	60
Hastings	15	0	15	10	....	10	66	....	66
Huron	5	0	5	2	....	2	40	....	40
Kent	4	0	4	2	....	2	50	....	50
Lambton	3	0	3	2	....	2	66	....	66
Lanark	5	0	5	3	....	3	60	....	60
Leeds	8	0	8	5	....	5	62	....	62
Lennox	0	0	0	....	....	....	....	....	....
Lincoln	3	0	3	3	....	3	100	....	100
Middlesex	3	1	4	1	1	2	33	100	50
Norfolk	7	0	7	5	....	5	100	....	100
Northumberland	4	0	4	2	....	2	50	....	50
Ontario	8	0	8	6	....	6	75	....	75
Oxford	4	0	4	3	....	3	75	....	75
Peel	4	0	4	3	....	3	75	....	75
Perth	6	0	6	5	....	5	83	....	83
Peterborough	4	0	4	3	....	3	75	....	75
Prescott	10	0	10	3	....	3	30	....	30
Prince Edward	4	0	4	1	....	1	25	....	25
Renfrew	8	1	9	6	1	7	75	100	77
Russell	5	0	5	2	....	2	40	....	40
Simcoe	11	0	11	10	....	10	90	....	90
Stormont	6	0	6	4	....	4	66	....	66
Victoria	3	0	3	1	....	1	33	....	33
Waterloo	4	0	4	3	....	3	75	....	75
Welland	7	0	7	4	....	4	57	....	57
Wellington	4	0	4	4	....	4	100	....	100
Wentworth	1	0	1	1	....	1	100	....	100
York	36	0	36	30	....	30	80	....	80
Totals	253	8	261	176	5	181	69.5	62.5	69.3

*Within five years of death.

TABLE XVIII

HISTORY OF SANATORIUM TREATMENT WITHIN FIVE YEARS OF DEATH

In Persons Dying of Tuberculosis (Pulmonary Only) Ontario, 1940.

(Districts Exclusive of Cities and Towns of 5,000 and Over).

District	Pulmonary Tuberculosis Deaths			*Sanatorium Treatment			Percentage Treated in Sanatorium		
	Whites	Indians	Total	Whites	Indians	Total	Whites	Indians	Total
Algoma	7	4	11	6	0	6	86	0	55
Cochrane	18	8	26	16	0	16	88	0	61
Haliburton	0	0	0	....	....	....	....	....	....
Kenora	1	4	5	1	1	2	100	25	40
Manitoulin	4	12	16	1	1	2	25	8	13
Muskoka	4	0	4	4	0	4	100	..	100
Nipissing	6	3	9	6	3	9	100	100	100
Parry Sound	9	2	11	8	0	8	88	0	73
Patricia	0	0	0	....	....	....	....	....	..
Rainy River	3	5	8	2	0	2	66	0	25
Sudbury	5	6	11	4	1	5	80	17	46
Temiskaming	9	0	9	7	0	7	78	...	78
Thunder Bay	10	11	21	9	4	13	90	37	62
Totals	76	55	131	64	10	74	84.2	18.1	56.9

*Within five years of death.

TABLE XIX

HISTORY OF SANATORIUM TREATMENT WITHIN FIVE YEARS OF DEATH

In Persons Dying of Tuberculosis, Ontario, 1940
(Cities and Towns, 5,000 Population and Over)

Cities and Towns	Tuberculosis Deaths		*Sanatorium Treatment		Percentage Treated in Sanatorium	
	Pulmonary	All Forms	Pulmonary	All Forms	Pulmonary	All Forms
Barrie	3	3	2	2	67	67
Belleville	....	1	....	0	...	0
Brampton	1	1	0	0	0	0
Brantford	8	8	6	6	75	75
Brockville	5	5	2	2	40	40
Chatham	4	5	3	3	75	60
Cobourg	1	2	0	0	0	0
Collingwood	2	2	2	2	100	100
Cornwall	7	9	6	6	85	67
Dundas	....	2	....	0	...	0
Eastview	3	3	2	2	67	67
Forest Hill	2	3	2	2	100	67
Fort Erie	3	3	2	2	67	67
Fort Frances	4	4	2	2	50	50
Fort William	5	8	5	7	100	87
Galt	....	2	0	1	....	50
Guelph	3	3	1	1	33	33
Hamilton	28	31	22	23	79	74
Hawkesbury	5	5	3	3	60	60
Ingersoll	1	1	1	1	100	100
Kenora	2	2	1	1	50	50
Kingston	10	12	8	9	80	75
Kirkland Lake	8	8	8	8	100	100
Kitchener	5	6	4	5	80	83
Leamington	6	6	5	5	83	83
Lindsay	2	3	1	1	50	33
London	16	21	11	11	62	52
Midland	1	1	1	1	100	100
Mimico	2	2	1	1	50	50
New Toronto	1	2	1	1	100	50
Niagara Falls	4	4	3	3	75	75
North Bay	3	3	3	3	100	100
Orillia	....	....	....	....	....	....
Oshawa	6	7	4	4	66	57
Ottawa	47	55	35	38	74	69
Owen Sound	2	2	2	2	100	100
Pembroke	5	6	1	1	20	17
Peterborough	13	13	9	9	69	69
Port Arthur	7	9	7	7	100	77
Port Colborne	1	2	1	2	100	100
Preston	...	1	....	0		0
Renfrew	3	3	3	3	100	100
Riverside	...	...	...	....	.	.
St. Catharines	3	3	3	3	100	100
St. Thomas	3	3	3	3	100	100
Sarnia	7	7	6	6	86	86
Sault Ste. Marie	8	9	7	7	87	77
Simcoe	1	1	1	1	100	100
Smith's Falls	3	3	3	3	100	100
Stratford	1	2	1	1	100	50
Sudbury	8	14	7	9	87	64
Swansea	1	1	1	1	100	100
Thorold	1	1	0	0	0	0
Timmins	12	12	12	12	100	100
Toronto	168	195	139	147	81	74
Trenton	3	3	3	3	100	100
Waterloo	1	1	1	1	100	100
Welland	2	3	2	2	100	66
Weston	1	2	1	1	100	50
Whitby	...	.	....	.		.
Windsor	13	17	13	13	100	77
Woodstock	1	1	1	1	100	100
Totals	466	547	374	394	80.2	72.0

*Within five years of death.

TABLE XX

PERSONS (Excluding Indians) DYING FROM PULMONARY TUBERCULOSIS IN ONTARIO IN 1940—NOT TREATED IN SANATORIUM WITHIN FIVE YEARS OF DEATH

1. Analysis According to Sex and Age

Age Groups	Male	Female	Total	Percentage of Total
0 to 9	3	1	4	2.2
10 to 19	2	1	3	1.6
20 to 29	1	9	10	5.5
30 to 39	11	15	26	14.3
40 to 49	13	7	20	11.0
50 to 59	19	12	31	17.1
60 to 69	33	26	59	32.5
70 to 79	12	13	25	13.8
80 and Over	1	1	2	1.1
Not Stated	1	0	1	.5
Total	96	85	181	.....

2. Analysis According to Classification of Pulmonary Tuberculosis as Primary or Secondary Cause of Death

Age Groups	Pulmonary Tuberculosis Given as Primary Cause	Pulmonary Tuberculosis Given as Secondary Cause
0 to 9	4	0
10 to 19	3	0
20 to 29	9	1
30 to 39	23	3
40 to 49	17	3
50 to 59	27	4
60 to 69	45	14
70 to 79	22	3
80 and Over	2	0
Not Stated	1	0
Total	153	28

3. Analysis According to Reasons for not Entering Sanatorium

(a) Refused sanatorium treatment	54
(b) Diagnosed shortly before death or at autopsy	80
(c) Reason not known	9
(d) Sanatorium treatment not considered necessary by Physician or Clinic	8
(e) Diagnosis said to be incorrect	2
(f) Died outside of Ontario	1
(g) No answer to questionnaire	7
	*181

*11 of the 181 had been in sanatorium previous to the five-year period preceding death.

PART V

REPORT UPON POST-SANATORIUM CARE OF EX-PATIENTS OF SANATORIA

There were 67 patients discharged from sanatoria who, upon admission, were acknowledged as the responsibility of this Department for post-sanatorium care but who did not require post-sanatorium care because their families were in a position to provide same, or they were able to return to employment immediately upon discharge.

26 of these were without municipal residence, one of whom was supplied with transportation from the sanatorium to his home. 41 were from unorganized territory, 7 of whom were supplied with transportation to their homes.

As at December 31st, 1941, there were 57 ex-patients of sanatoria from unorganized municipalities and without municipal residence receiving pneumothorax treatments at the expense of the Department and on whom reports are received regularly. In addition to their pneumothorax refills, four of these received assistance with transportation to and from pneumothorax centres, while 21 received aftercare assistance. The remaining 32 received assistance with cost of pneumothorax treatments only.

EX-PATIENTS OF SANATORIA FROM UNORGANIZED TERRITORY, OR WITHOUT MUNICIPAL RESIDENCE

		Receiving Board and Lodging in Approved Homes	Receiving Assistance in Home of Relative	Total
1. On after-care as at Dec. 31, 1940		29 (28)	36 (25)	65 (53)
2. Placed on after-care during 1941		13 (37)	34 (41)	47 (78)
3. Total receiving after-care during the year 1941		42 (65)	70 (66)	112 (131)
Assistance discontinued during the year 1940 because of:	No longer required	20 (23)	40 (24)	60 (47)
	Re-admission to Sanatorium	2 (11)	1 (6)	3 (17)
	Against Medical Advice	1 (2)	0 (0)	1 (2)
On after-care as at Dec. 31st, 1941		12 (29)	36 (36)	48 (65)

(Figures in brackets are for the year 1940).

PART VI

SANATORIUM STATISTICS

SANATORIUM BEDS AS AT DECEMBER 31, 1941

Number	3,647
Percentage of Average Occupancy	95.1%

ADMISSIONS TO SANATORIA BY AGE GROUPS DURING 1941

	Number	Percentage
9 years and under	92	3.1%
10-19 years	334	11.2
20-29 years	969	32.5
30-39 years	623	20.9
40-49 years	460	15.4
50-59 years	305	10.2
60-69 years	168	5.6
70 and over	33	1.1
	2,984	100.0%

CLASSIFICATION OF ADMISSIONS TO SANATORIA DURING THE YEAR 1941

	Number	Percentage
New Cases	2,246	75.3%
Reviews	24	.8
*Re-Admissions	714	23.9
Total Net Admissions (Excluding Transfers)	2,984	100.0%
*Re-Admissions —		
1st	481	
2nd	144	
3rd	89	
	714	

DIAGNOSTIC CLINICS STAFFED BY SANATORIUM PERSONNEL DURING 1941

(Excludes Diagnostic Clinics Held at Sanatoria)

	Patients Examined	X-Ray Films
Municipal Clinics	20,147	8,475
Extension Clinics	13,596	7,761
	33,743	16,236

APPLICATION OF SURGERY FOR TUBERCULOUS CONDITIONS IN SANATORIA DURING THE YEAR 1941

	No. of Patients having the Procedure	No. of Individual Operations Performed
Thoracoplasty	186	459
Extra-pleural pneumothorax (apicolysis)	41	41
Intra-pleural pneumolysis	299	337
Phrenic nerve operations	457	503
Rib-resections	8	8
Bronchoscopy	194	218
Pneumothorax attempted unsuccessfully (several attempts listed only as one)	353	353
Pneumothorax established (unilateral only)	879	879*
Pneumothorax established—bilateral (unilateral made bilateral)	89	89
Pneumoperitoneum	133	133
Spinal fusion operations	25	31
Arthrodesis operations	11	11
Ischiorectal operations	34	34
Nephrectomy	18	18
Epididymectomy, Orchidectomy, etc	2	2
Cauterization of larynx	26	35
Cystoscopy	85	92
Others	261	537
	3,101	3,780*

*Excludes routine pneumothorax refills.

FINANCIAL STATUS OF PATIENTS IN RESIDENCE IN SANATORIA AS AT DECEMBER 31st, 1941

	Number	% of Total
Payments by Patients —		
No contribution (indigents)	2,760	81.8
$1.00 per week	33	1.0
More than $1.00 to $2.00 per week	19	.6
More than $2.00 to $3.00 per week	35	1.0
More than $3.00 to $4.00 per week	81	2.4
More than $4.00 to $5.00 per week	46	1.4
More than $5.00 to $10.00 per week	87	2.5
More than $10.00 to $11.00 per week	46	1.4
More than $11.00 per week	23	.7
	3,130	92.8
Infants born in sanatorium for whom the Province is paying $1.00 per day	1	.....
Patients paid for by Workmen's Compensation Board	39	1.2
Patients paid for by Indian Affairs Branch	70	2.1
Patients paid for by Department of Pensions and National Health	117	3.5
Others for whom no contribution is received from Province	15	.4
	3,372	100.0%

NET ADMISSIONS TO SANATORIA DURING THE YEAR 1941, SHOWING DIAGNOSIS ESTABLISHED AFTER ADMISSION—BY AGE GROUPS

(Excludes transfers from other Sanatoria and New Borns)

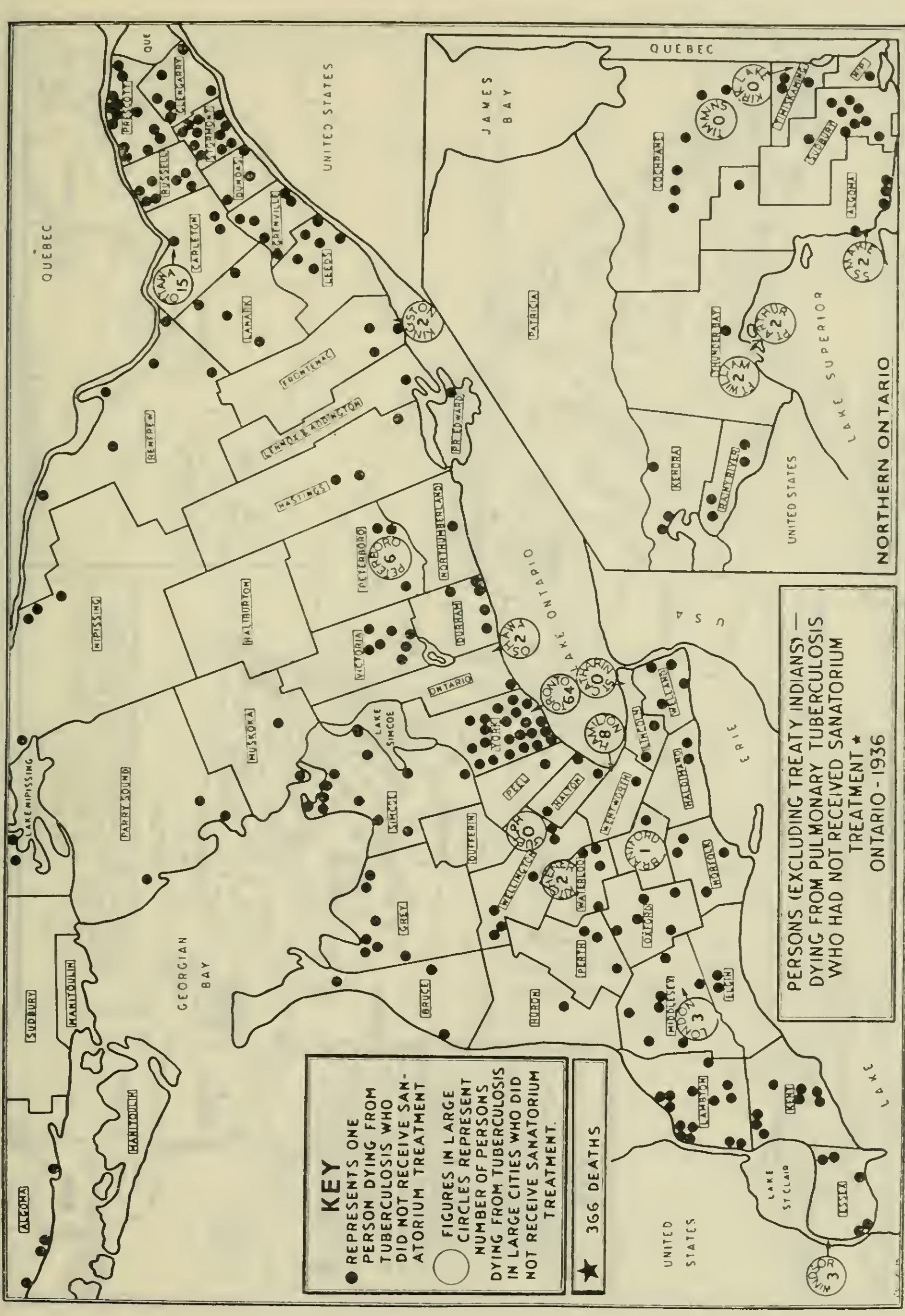
Diagnosis Established After Admission		9 and under	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 and over	Total	Percentage of Total Net Admission
Diagnosis not established		.....	1	2	.....	1	1	.....	.....	5	.2
No evidence of tuberculosis	(a) Neg. I.C. reactors	4	7	14	9	8	4	2	1	49	1.6
	(b) Pos. I.C. reactors	3	6	17	10	13	17	7	3	76	2.5
Presumptive evidence and/or suspect tuberculosis		3	5	12	12	12	10	2	1	57	1.9
Tuberculosis requiring no treatment—only investigation or observation		.....	4	10	14	13	6	3	.....	50	1.7
Childhood tuberculosis (all types)	(a) Pulmonary only	51	15	1	.....	.....	.....	.....	.....	67	2.2
	(b) With extra-pul. tbc.	4	3	.....	.....	.....	.....	.....	.....	7	.2
Pleurisy with Effusion	(a) Pleural effusion only	3	26	56	20	5	1	.....	1	112	3.8
	(b) With other tbc.	1	4	6	3	1	1	1	.....	17	.6
Minimal	(a) Pulmonary only	2	79	207	83	51	28	5	2	457	15.3
	(b) With extra-pul. tbc.	1	6	13	5	2	3	2	.....	32	1.1
Moderately Advanced	(a) Pulmonary only	2	75	302	153	136	61	41	4	774	25.9
	(b) With extra-pul. tbc.	.....	3	18	14	5	4	4	.....	48	1.6
Advanced or Far Advanced	(a) Pulmonary only	2	66	232	217	161	128	77	16	899	30.1
	(b) With extra-pul. tbc.	.....	13	36	39	31	33	15	4	171	5.7
With extra-pulmonary tuberculosis only		16	21	43	44	21	8	9	1	163	5.5
Totals		92	334	969	623	460	305	168	33	2984	100%
Percentage of Total Net Admissions		3.1	11.2	32.5	20.9	15.4	10.2	5.6	1.1	100%	.....

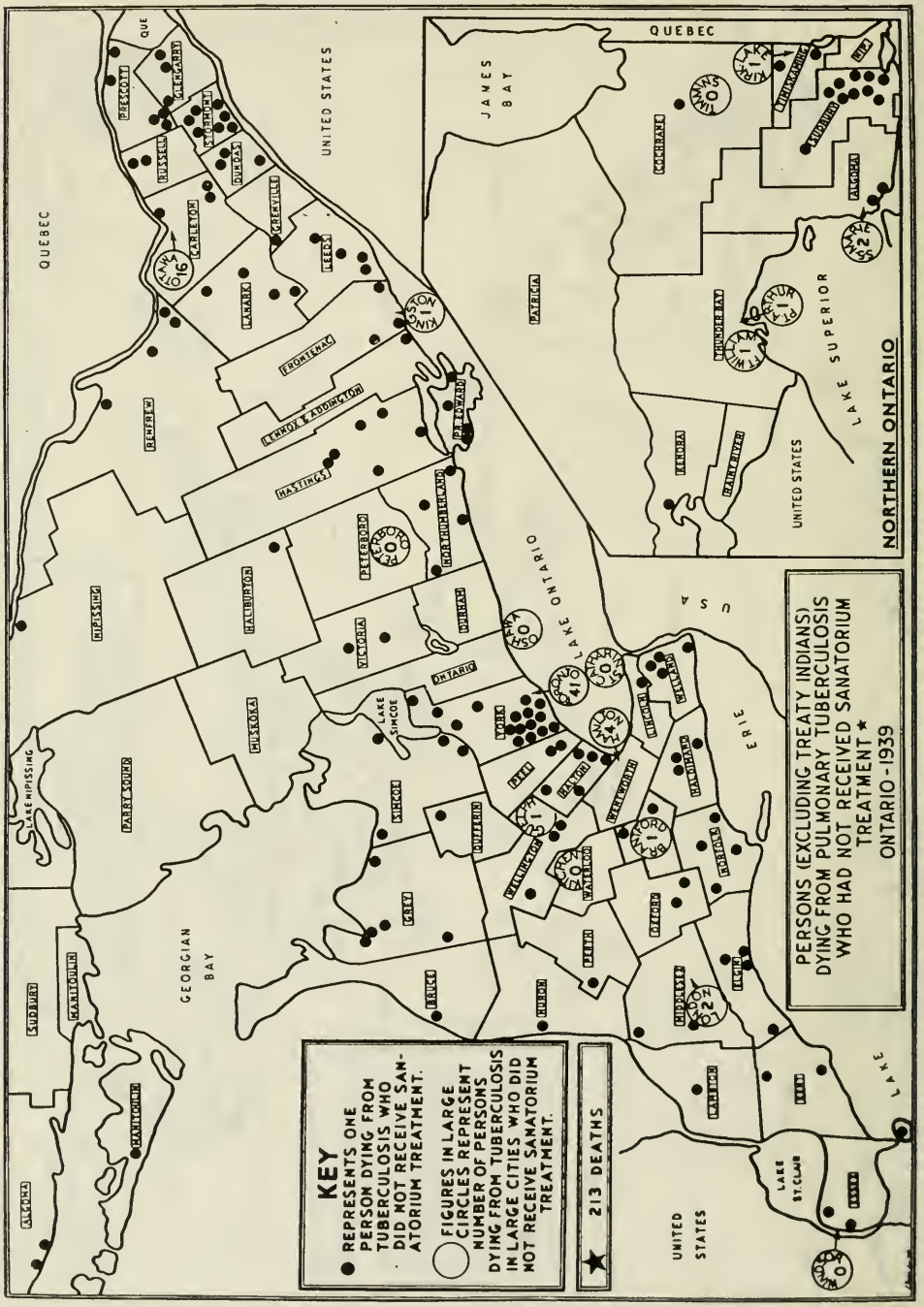
TOTAL NET DISCHARGES FROM SANATORIA DURING THE YEAR 1941

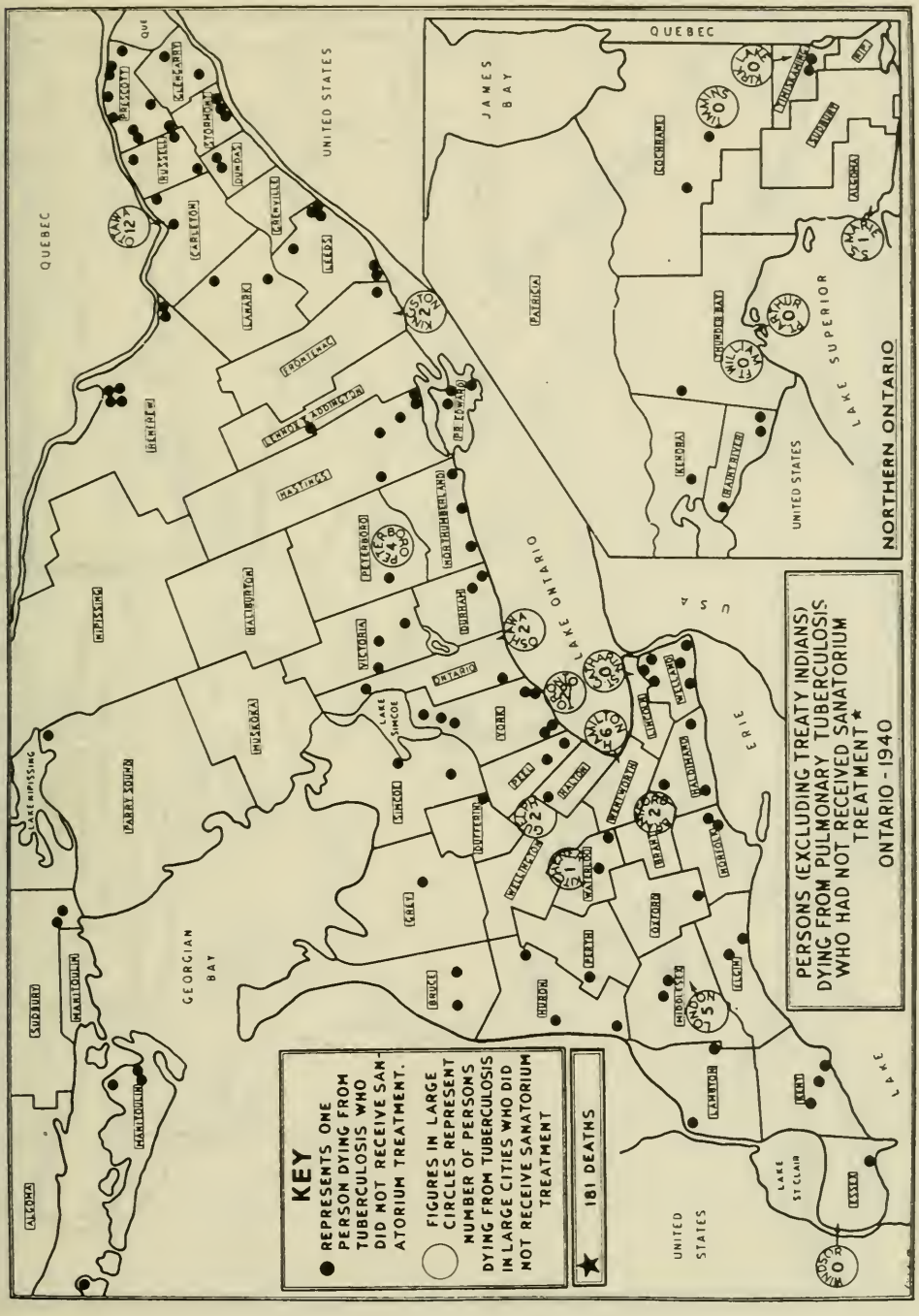
SHOWING DIAGNOSIS ESTABLISHED AFTER ADMISSION, LENGTH OF STAY IN SANATORIA AND CONDITION AT TIME OF DISCHARGE

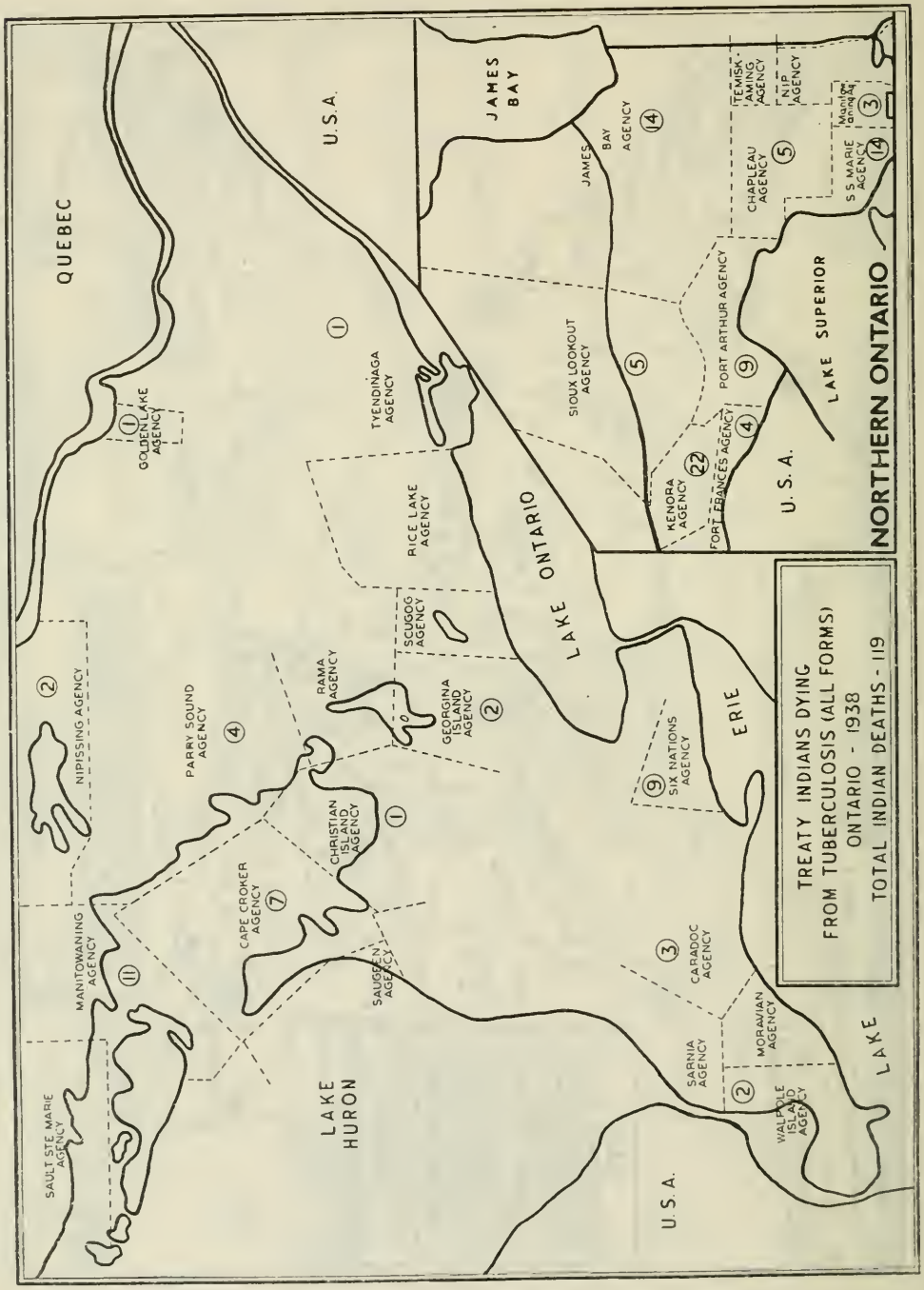
(Excludes transfers to other Sanatoria and New Borns)

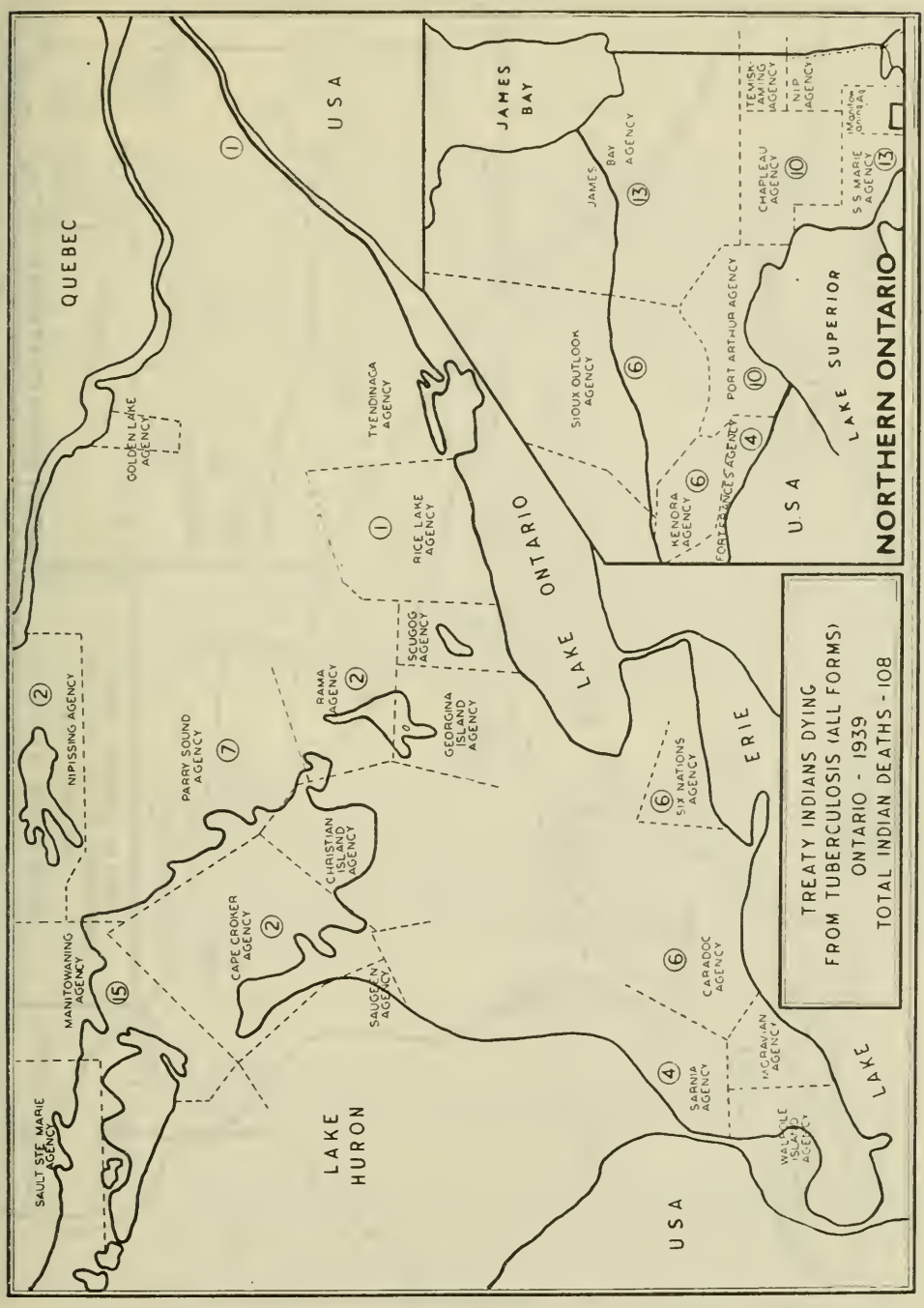
Diagnosis Established After Admission		Patients Discharged		Length of Stay in Sanatorium Since Last Admission (number in each period)						Condition of Patients at Time of Discharge or Transfer					
		Number	% of Total	30 days or less	31 days to 6 mos.	over 6 mos. to 1 year	over 1 year to 2 years	over 2 years to 5 years	over 5 years	No evid. of TBc.	Arrested	app. arrested	Quiescent	Unstable or active	Died
Diagnosis not established		2	.....	1	1	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
No evidence of tuberculosis	(a) Neg. I.C. reactors	50	1.7	40	10	.....	.....	.....	.....	49	.....	.....	.....	.....	1
	(b) Pos. I.C. reactors	91	3.1	42	42	5	1	.....	1	86	.....	.....	.....	.....	5
Presumptive evidence and/or suspect tuberculosis		64	2.2	25	32	6	1	.....	.....	52	.....	2	7	.....	3
Tuberculosis not requiring treatment—only investigation or observation		60	2.0	38	21	1	.....	.....	.....	.....	20	27	11	2	.....
Childhood tuberculosis (all types)	(a) Pulmonary only	69	2.3	2	31	17	16	3	.....	.....	4	25	34	3	3
	(b) With extra-pul. tbc.	7	.3	.....	.....	1	3	2	1	.....	.....	1	4	2	.....
Pleurisy with Effusion	(a) Pleural effusion only	74	2.5	9	28	26	11	.....	.....	.....	7	8	41	14	4
	(b) With other tbc.	12	.4	1	4	4	2	1	.....	.....	2	2	5	1	2
Minimal	(a) Pulmonary only	385	12.9	29	138	138	64	16	.....	.....	27	63	235	57	3
	(b) With extra-pul. tbc.	44	1.5	1	12	11	9	11	.....	.....	5	6	22	9	2
Moderately Advanced	(a) Pulmonary only	730	24.5	24	162	211	212	105	16	.....	12	120	423	134	41
	(b) With extra-pul. tbc.	99	3.3	5	19	17	25	29	4	.....	9	13	34	16	27
Advanced or Far Advanced	(a) Pulmonary only	808	27.1	96	166	156	189	171	30	.....	7	70	285	161	285
	(b) With extra-pul. tbc.	352	11.8	33	81	61	57	97	23	.....	2	16	76	44	214
Pulmonary tuberculosis only		132	4.4	12	38	37	30	12	3	.....	25	13	60	24	10
Totals		2979	100	358	785	691	620	447	78	189	120	366	1237	467	600
Percentage of Total Net Discharges		100	.....	12.0	26.4	23.2	20.8	15.0	2.6	6.3	4.0	12.3	41.5	15.7	20.2

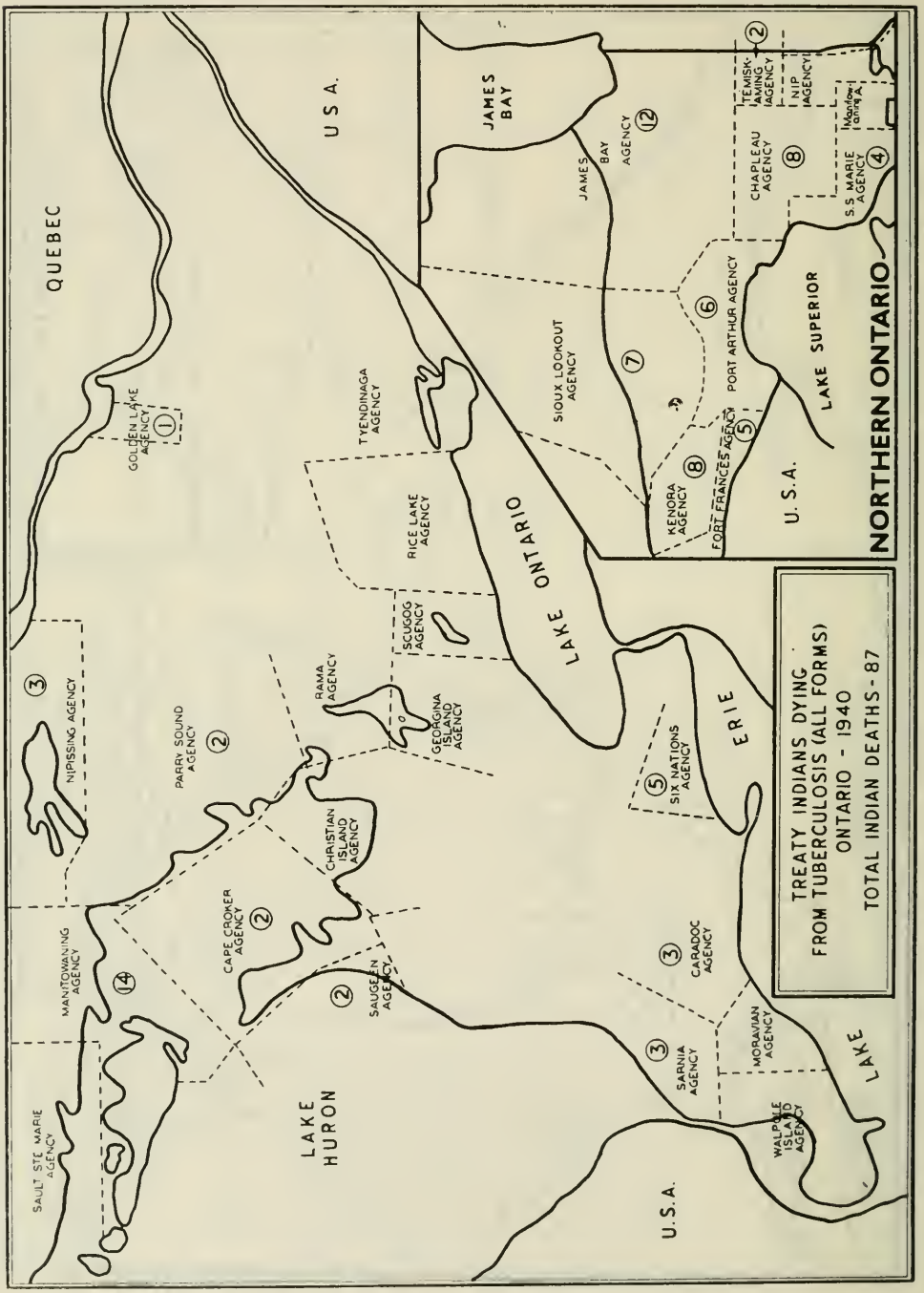

PERSONS (EXCLUDING TREATY INDIANS) — DYING FROM PULMONARY TUBERCULOSIS WHO HAD NOT RECEIVED SANATORIUM TREATMENT ★
ONTARIO - 1936
KEY
● REPRESENTS ONE PERSON DYING FROM TUBERCULOSIS WHO DID NOT RECEIVE SANATORIUM TREATMENT
FIGURES IN LARGE CIRCLES REPRESENT NUMBER OF PERSONS DYING FROM TUBERCULOSIS IN LARGE CITIES WHO DID NOT RECEIVE SANATORIUM TREATMENT.
★ 366 DEATHS
NORTHERN ONTARIO
QUEBEC
UNITED STATES
JAMES BAY
LAKE SUPERIOR
LAKE ONTARIO
ERIE
LAKE
GEORGIAN BAY
LAKE SIMCOE
LAKE NIPISSING
LAKE ST. CLAIR
U.S.A.


PERSONS (EXCLUDING TREATY INDIANS) DYING FROM PULMONARY TUBERCULOSIS WHO HAD NOT RECEIVED SANATORIUM TREATMENT ★ ONTARIO - 1939
KEY
● REPRESENTS ONE PERSON DYING FROM TUBERCULOSIS WHO DID NOT RECEIVE SANATORIUM TREATMENT.
FIGURES IN LARGE CIRCLES REPRESENT NUMBER OF PERSONS DYING FROM TUBERCULOSIS IN LARGE CITIES WHO DID NOT RECEIVE SANATORIUM TREATMENT.
★ 213 DEATHS
NORTHERN ONTARIO
QUEBEC
UNITED STATES
JAMES BAY
LAKE SUPERIOR
LAKE ONTARIO
LAKE ERIE
GEORGIAN BAY
LAKE HURON
LAKE ST. CLAIR
LAKE NIPISSING
LAKE SIMCOE
PATRICIA
KENORA
THUNDER BAY
COCHRANE
ALGOMA
SUDBURY
MANITOULIN
NIPISSING
PARRY SOUND
MUSKOKA
HALIBURTON
PETERBORO
HASTINGS
PRINCE EDWARD
NORTHUMBERLAND
VICTORIA
DURHAM
ONTARIO
YORK
PEEL
HALTON
WELLINGTON
WENTWORTH
LINCOLN
HAMILTON
WATERLOO
BRANT
NORFOLK
ELGIN
KENT
LAMBTON
PERTH
HURON
BRUCE
GREY
SIMCOE
NIPISSING
RENFREW
PRESCOTT
GLENGARRY
RUSSELL
STORMONT
DUNDAS
CARLETON
LANARK
GRENVILLE
LEEDS
FRONTENAC
LENNOX & ADDINGTON
HASTINGS
QUE
ALGOMA 16
KINGSTON 1
PETERBORO 20
OSHAWA 5
TORONTO 410
HAMILTON 34
LONDON 51
KITCHENER 30
WATERLOO 30
BRANTFORD 31
NORFOLK 20
ST. THOMAS 20
WINDSOR 51
SAULT STE. MARIE 1
NORTH BAY 1
TIMISKAMING 1
KIRKLAND LAKE 1
PORT ARTHUR 1
FORT WILLIAM 1
SUDBURY 1
SAULT STE. MARIE 2


PERSONS (EXCLUDING TREATY INDIANS) DYING FROM PULMONARY TUBERCULOSIS WHO HAD NOT RECEIVED SANATORIUM TREATMENT★
ONTARIO - 1940
KEY
● REPRESENTS ONE PERSON DYING FROM TUBERCULOSIS WHO DID NOT RECEIVE SANATORIUM TREATMENT.
FIGURES IN LARGE CIRCLES REPRESENT NUMBER OF PERSONS DYING FROM TUBERCULOSIS IN LARGE CITIES WHO DID NOT RECEIVE SANATORIUM TREATMENT
★ 181 DEATHS
NORTHERN ONTARIO
QUEBEC
UNITED STATES
JAMES BAY
LAKE ONTARIO
LAKE ERIE
LAKE SUPERIOR
LAKE ST CLAIR
GEORGIAN BAY
LAKE NIPISSING
LAKE SIMCOE
PARRY SOUND
MANITOULIN
SUDBURY
ALGOMA
NIPISSING
TEMISKAMING
COCHRANE
KENORA
THUNDER BAY
RAINY RIVER
PATRICIA
MUSKOKA
HALIBURTON
VICTORIA
PETERBORO
NORTHUMBERLAND
PRINCE EDWARD
HASTINGS
LENNOX & ADDINGTON
FRONTENAC
LANARK
LEEDS
GRENVILLE
DUNDAS
STORMONT
GLENGARRY
CARLETON
RUSSELL
PRESCOTT
ONTARIO
DURHAM
YORK
SIMCOE
GREY
BRUCE
DUFFERIN
PEEL
HALTON
WELLINGTON
WATERLOO
WENTWORTH
BRANT
HURON
PERTH
OXFORD
NORFOLK
HALDIMAND
WELLAND
LINCOLN
MIDDLESEX
ELGIN
KENT
LAMBTON
ESSEX
MONTMORENCY
TEMISKAMING
NIPISSING
SUDBURY
ALGOMA
MANITOULIN
SAM 12
STORMONT 2
CARLETON 4
PETERBORO 4
OTTAWA 4
TORONTO 6
HAMILTON 6
WENTWORTH 2
BRANT 2
WATERLOO 1
LONDON 5
ESSEX 3
SAMPSON 5
FORT WILLIAM 3
PORT ARTHUR 3
SAULT STE MARIE 3
SAULT STE MARIE 3
MONTMORENCY 3


TREATY INDIANS DYING
FROM TUBERCULOSIS (ALL FORMS)
ONTARIO - 1938
TOTAL INDIAN DEATHS - 119
NORTHERN ONTARIO
QUEBEC
U.S.A.
JAMES BAY
JAMES BAY AGENCY
TEMISKAMING AGENCY
NIP AGENCY
CHAPLEAU AGENCY
S.S. MARIE AGENCY
Manitoulin
LAKE SUPERIOR
PORT ARTHUR AGENCY
SIOUX LOOKOUT AGENCY
KENORA AGENCY
FORT FRANCES AGENCY
TYENDINAGA AGENCY
RICE LAKE AGENCY
GOLDEN LAKE AGENCY
LAKE ONTARIO
SCUGOG AGENCY
GEORGINA ISLAND AGENCY
RAMA AGENCY
PARRY SOUND AGENCY
NIPISSING AGENCY
SIX NATIONS AGENCY
ERIE
CHRISTIAN ISLAND AGENCY
CAPE CROKER AGENCY
SAUGEEN AGENCY
MANITOWANING AGENCY
SAULT STE MARIE AGENCY
LAKE HURON
CARADOC AGENCY
SARNIA AGENCY
MORAVIAN AGENCY
WALPOLE ISLAND AGENCY
LAKE


TREATY INDIANS DYING
FROM TUBERCULOSIS (ALL FORMS)
ONTARIO - 1939
TOTAL INDIAN DEATHS - 108
QUEBEC
USA
JAMES BAY
NORTHERN ONTARIO
LAKE SUPERIOR
LAKE ONTARIO
LAKE ERIE
LAKE HURON
USA
USA
GOLDEN LAKE AGENCY
TYENDINAGA AGENCY
RICE LAKE AGENCY
ISCUGOG AGENCY
GEORGINA ISLAND AGENCY
RAMA AGENCY
NIPISSING AGENCY
PARRY SOUND AGENCY
CHRISTIAN ISLAND AGENCY
CAPE CROKER AGENCY
SAUGEEN AGENCY
MANITOWANING AGENCY
SAULT STE MARIE AGENCY
SIOUX OUTLOOK AGENCY
JAMES BAY AGENCY
KENORA AGENCY
FORT FRANCES AGENCY
PORT ARTHUR AGENCY
CHAPLEAU AGENCY
ITEMISKAMING AGENCY
NIP AGENCY
S S MARIE AGENCY
SIX NATIONS AGENCY
CARADOC AGENCY
SARNIA AGENCY
MCGRAVIAN AGENCY
WALPOLE ISLAND AGENCY


TREATY INDIANS DYING
FROM TUBERCULOSIS (ALL FORMS)
ONTARIO - 1940
TOTAL INDIAN DEATHS - 87
QUEBEC
U S A.
JAMES BAY
JAMES BAY AGENCY
TEMISKAMING AGENCY
NIPIGON AGENCY
CHAPLEAU AGENCY
S.S. MARIE AGENCY
SIOUX LOOKOUT AGENCY
PORT ARTHUR AGENCY
FORT FRANCES AGENCY
KENORA AGENCY
LAKE SUPERIOR
NORTHERN ONTARIO
U. S. A.
LAKE ONTARIO
TYENDINAGA AGENCY
RICE LAKE AGENCY
SCUGOG AGENCY
GEORGINA ISLAND AGENCY
RAMA AGENCY
GOLDEN LAKE AGENCY
NIPISSING AGENCY
PARRY SOUND AGENCY
CHRISTIAN ISLAND AGENCY
CAPE CROKER AGENCY
SAUGEEN AGENCY
MANITOWANING AGENCY
SAULT STE MARIE AGENCY
LAKE HURON
SIX NATIONS AGENCY
ERIE
CARADOC AGENCY
SARNIA AGENCY
MORAVIAN AGENCY
WALPOLE ISLAND AGENCY
LAKE
U.S.A.

DIVISION OF INDUSTRIAL HYGIENE

J. G. Cunningham, D.P.H., *Director.*

If it takes 12 to 15 persons mostly in industry to keep one man in the firing line, the total war effort must include some supervision of their health. The Department undertakes to provide certain technical facilities for this purpose which the individual industry can hardly be expected to supply for itself. However, in the absence of some effort by the individual employer in the same direction, the benefits are temporary and scattered. It is past the time when the principles of preventive medicine should be applied for the control of general ill health to industrial groups, especially for the conservation of labour in war time. Lost time from strikes or accidents is a detail compared with that from general sickness, much of which can be prevented.

In spite of a shortage of physicians to meet all demands, the number directly identified with industry for the supervision of general health has increased recently. Many more nurses are employed. The nurse in the Division undertakes to keep in touch with Industrial Nursing personnel to assist with the programme within the plant as far as possible. The School of Nursing at Toronto University presented a refresher course of one week's duration last October for nurses in industry. There were 113 registrations. Many employers made it possible for their nurses to attend by providing a substitute in the plant, and in some cases paying all expenses. Arrangements are completed for a three-day refresher course for physicians by the Faculty of Medicine of Toronto University, to be held in January, 1942. Considerable interest is already evident.

Instead of a few, hundreds of factories should be equipped to provide for their employees and for the country as a whole the benefits of health, maintained at the highest possible level. The Division of Industrial Hygiene is equipped to keep the employer in touch with the best practice in the field, and to assist with special health problems arising out of industrial processes. A large section of industry fails to deal with the subject at all adequately, and when some action is taken, too often it is ill-advised because of failure to request guidance in a technical subject.

As might be expected, the war has increased the work of the Division considerably.

1. Accidents have increased out of proportion to the increase in the numbers of employees. Their care dominates the work of the plant dispensary to the detriment of effort directed to general ill health. Both are important.

2. The demand of employees for coverage for the treatment of sickness appears to have increased. This has not yet operated to stimulate employers to prevent sickness, although some factories engaged in war work are making a real effort while others are doing nothing.

3. Occupational diseases have increased in number and kinds, but requests for assistance from employers and physicians have also increased, indicating a growing appreciation of the importance of maintaining health.

4. In contrast to much indifference to the maintenance of general health, special problems are constantly referred. Examples:

(*a*) Detailed procedures for radium dial painting have been set out for all factories so engaged.

(*b*) Conditions surrounding the availability of certain volatile solvents have resulted in the increased use of benzol, requiring extra precautions.

(*c*) Some employers are using dangerous materials with which they have not previously come in contact, or about which they have no information; e.g., hydrogen sulphide from a cylinder out of control was released, causing one fatality, and placing other workers in serious danger; welding parts which have been cadmium-plated are dangerous. Burns from splashes of cyanide solution used for case-hardening, if at all extensive, may cause sufficient absorption to be fatal.

(*d*) Increased foundry work, resulting in two heats a day in place of one, is associated with increased exposure to silica dust.

(*e*) Attempts are sometimes made to accelerate chemical processes, desirable under present conditions, but apt to be associated with increased exposure to poisonous substances. In two of these, formaldehyde was involved.

(*f*) Lead, in glass manufacture and as the chromate for yellow and green colours in paint, when it is sprayed, is an increasing hazard. Skin eruption from repeated contact with oil in machine work has greatly increased. Human failure in hand-operated degreasing machines, using trichlorethylene, has produced sufficient concentration in the air for narcotic effects.

Physical Examinations:

Periodic physical examinations have been carried out by the plant physician, as required under *The Factory Act* in thirty factories; no cases of poisoning have been reported from these plants. In addition, a number of factories carry out such examinations on a voluntary basis including particularly storage battery manufacture for lead exposure, and certain foundries and porcelain manufacturing plants for silicosis. In most instances, the X-ray films obtained as part of these examinations, are reviewed here. The laboratory has examined blood smears from about 900 workers exposed to lead referred by 82 physicians. The groups exposed to this material in any one plant are usually small, although such exposure is quite widespread.

There were about a thousand industrial examinations conducted by the Division itself; about one-half of them by the Silicosis Referee Board in connection with claims for Workmen's Compensation. Six hundred additional X-ray films were reviewed, many for tuberculosis in industrial groups, some from silica trades, and a few of these from nearly every province. There were another nine hundred cases reviewed for various Department Boards.

The situation respecting the use of equipment for small X-ray films for survey purposes to detect cases of tuberculosis in industry, was canvassed. X-ray equipment for 35 mm. films was made available to the Division for this purpose. It is transported in a truck built for the purpose, so that small as well as large factories may be accommodated. The examinations will be carried out in co-operation with the Division of Tuberculosis Prevention, and directed at first to those industries employing largely increased numbers of young women.

Industrial Hygiene Laboratory:

The number of samples tested during 1941 showed a decrease from the previous year due mainly to the reduction in the number of press cakes and refining solutions received for arsenic determination. The investigation of the hazard due to arsine present in the cyanide mills where gold is extracted has been completed. Only samples from mills coming into production were analyzed during the present year.

Lead determinations on urine were approximately the same in number as in other years. The exposure occurred in various occupations and industries such as battery manufacture, spray painting, printing, metal refining and soldering. A considerable number of specimens were accompanied by no history of exposure. Of these, approximately twenty per cent. of the cases showed lead absorption. A little less than half of the specimens coming from cases with known exposure to lead presented evidence of excretion above the normal range. Over 1,500 blood smears were examined for stippling. These were contributed by 814 individuals in forty-seven plants engaged in the manufacture of paints, explosives, airplanes, batteries, vitreous enamels, and in plating and metal refining. Lead was also determined in air and in dusts as well as in water and food. The examination of paints used extensively in aircraft plants and other war industries was carried on, the number of samples analyzed being in excess of last year's figure.

Besides the routine silica analyses on such materials as rocks, partines. etc., eleven lungs were analyzed for the Workmen's Compensation Board as an aid in the diagnosis of silicosis. Seven of these lungs were from workers from the mining areas of the Province, the remainder being from sandblasters, molders and welders. A brief investigation of the silica hazard arising from industrial smoke was initiated during the year. Air samples and dusts were collected and examined from various types of war industries.

Benzene and other aromatic hydrocarbons were determined on paints, lacquers, shoe cements and solvents. In addition, sulphate determinations were done on a considerable number of urines from individuals exposed to benzol in war industries. Benzol concentration in air was also done in the case of one exposure.

Aromatic compounds (T.N.T.) were determined in urines from workers in explosive plants.

An investigation into the mercury hazard in the felt hat industry was commenced during 1940. This work was continued during the present year. Several samples of furs were analyzed for their mercury content and the concentration of mercury in air determined, using the Norlander Selenium Sulphide detector in the rooms where these materials were processed or stored. The use of non-mercury carrotting compounds is being developed, especially in the United States.

There was a marked increase in the number of samples submitted in regard to cases of dermatitis. In most cases the skin irritant was a cutting oil used in machine shops. Examination of these products involved a variety of tests, including bacteriological examination, reaction and nature of constituents.

During the year, a method for the determination of fluorine was developed and a number of samples of bone were analyzed in suspected cases of fluorine intoxication.

Research was commenced on the determination of oxyhemoglobin, methemoglobin, carboxyhemoglobin in blood. In this investigation a Coleman spectrophotometer acquired by the laboratory during the year was used. It is hoped that this method will provide a rapid means of establishing the absorption of various substances occurring in industry such as carbon monoxide, cyanides and dyes.

SUMMARY OF LABORATORY WORK

Hazards	Biological Material	Paints and Lacquers	Solvents and Diluents	Rocks and Minerals	Partines	Soaps and Oils	Textiles	Food and Water	Air and Dusts	Gold Mill Solutions and Press Cakes	Furs	Miscellaneous	Total
Lead	97	8	....	3	....	....	....	3	9	....	....	11	131
Mercury	1	....	....	....	....	....	....	....	16	....	2	1	20
Arsenic	15	1	....	3	....	....	....	6	....	3	....	8	36
Antimony }	....	1	....	....	....	....	....	....	....	....	....	....	1
Thallium }	....	....	....	....	....	....	....	....	....	....	....	1	1
Silica	11	....	....	22	5	....	....	....	18	....	....	....	56
Fluorine	9	....	....	....	....	....	....	....	....	....	....	....	9
Cyanides	....	....	....	....	....	....	....	1	4	....	....	1	6
Carbon Monoxide	1	....	....	....	....	....	....	....	....	....	....	....	1
Hydrogen Sulphide	....	....	....	....	....	....	....	....	2	....	....	1	3
Benzene	45	29	29	....	....	1	....	....	3	....	....	....	107
Explosives	53	....	....	....	....	....	1	....	....	....	....	....	54
Chlorinated hydrocarbons	1	....	1	....	....	....	....	....	....	....	....	....	2
Methyl hydrate	....	1	1	....	....	....	....	....	....	....	....	....	2
Oxides of nitrogen	....	....	....	....	....	....	....	....	3	....	....	....	3
Skin irritants	....	....	4	....	....	58	....	....	....	....	....	3	65
Fire	....	....	1	....	....	....	....	....	....	....	....	2	3
Total	233	40	36	28	5	59	1	10	55	3	2	28	500

Engineering Control:

The engineering facilities of the Division assist in determining whether present methods for control of poisoning are adequate. If not, they assist in correction and measure the results. Such investigations have been carried out in sixty plants, necessitating in some cases a number of visits. Apparatus was developed for the application of an organic mercury compound for disinfesting seed grain. A method was devised for the reduction of exposure to coal-tar distillation products, which may have been associated with the development of cancer of the lung. Ventilation has been recommended and used in spray painting rooms for aircraft, in the control of radium emanation in dial painting, in the control of dust in foundries, in the manufacture of rubber accessories and optical glass, in flax mills, and for the control of fumes in welding, particularly in confined spaces.

The Factory Inspection branch of the Department of Labour, the Workmen's Compensation Board, and the Industrial Accident Prevention Associations have co-operated with the Division in bringing suspected hazards in industry to its attention, and in assisting the Division in the inquiries which it has itself initiated.

During the year, at the request of the Allied War Supplies Corporation, the services of Dr. F. M. R. Bulmer have been loaned to it as medical director of the war factories under its control. Dr. Bulmer's services are important to this Division but are required more directly in war work. Dr. W. H. Cruick-

shank joined the Division in August, 1940. He is well-trained and has already assisted materially in its work. Dr. G. M. Parker has recently joined the staff to assist in the X-ray examinations for tuberculousis in industry. Fortunately Mr. R. G. Elson, physicist, joined the staff in December, 1940, replacing Mr. E. O. Braaten, who resigned at that time. So far, it has been impossible to find a suitably trained worker to replace Dr. Leppard, physicist, while he is on active service.

The arrangement for indutrial hygiene research work with the School of Hygiene, University of Toronto, has made it possible to continue investigations directed to quantitative determination of certain substances in the urine of those exposed to T. N. T. Such determinations would be used to assist in detecting undue exposure to this material.

Literature on industrial health hazards, and to a less extent on general health topics, has been distributed to industry. Addresses and articles for publication have been directed to the following groups:

1: "Industrial Health and National Defence," given at the Academy of Medicine, Toronto, January, 1941.

2: "The Detection of Second-hand White Cotton in Mattresses and Upholstered Furniture," presented at the Canadian Institute of Chemistry Meeting, Toronto, in February, 1941.

3: "The Effect of Poisonous Substances in Industry," Industrial Accident Prevention Associations' Training Course, University of Toronto, March, 1941.

4: "The Thief of Time," presented at the Annual Conference of the Industrial Accident Prevention Associations, Toronto, April, 1941.

5: "The Influence of Health on Conditions of Work Other Than the Use of Poisonous Substances," given at the Industrial Accident Prevention Associations' Training Course, University of Toronto, April, 1941.

6: "The Physician's Contribution to Industrial Health in War Time," Ontario Health Officers Association, Annual Conference. June, 1941, Toronto.

7: "The Health of the Industrial Worker in War Time," presented at the Quebec Meeting of the Canadian Public Health Association, June, 1941.

8: "Fatigued Workers and Reduced Industrial Output," presented at the General Motors Corporation of Canada Conference, June, 1941, Oshawa.

9: "Occupational Conditions of Increasing Importance," presented at the General Motors Corporation of Canada, Conference, Oshawa, June, 1941.

10: "The Challenge of War Industry to the Physician," Hamilton Academy of Medicine, October, 1941.

Bedding Regulations:

Most manufacturers and retailers have co-operated in the attempt to make the Bedding Regulations effective. There are now 331 companies using labels approved by the Department.

During the year there were 1,100 inspections made. On fifty-seven occasions 440 mattresses or articles of upholstered furniture were placed "off sale." Of these, 341 originated outside Ontario and they were either returned to the manufacturer or were re-labelled according to the regulations. As these procedures involve considerable inconvenience to the retailer and manufacturer, they are likely to have a salutary effect. A considerable number of the ninety-nine articles made by Ontario manufacturers were put "off sale" due to non-labelling. The policy of prosecuting those companies who mis-labelled their products was continued. In all cases convictions were obtained.

Nearly five hundred samples were collected from 106 different mattress manufacturers. upholsterers, wholesalers, supply houses and renovators. Of these, eighty-seven companies were in Ontario. In all, 1,621 chemical determinations were made on these samples. Of the total number analyzed, 139 were obtained from different mattresses and articles of upholstered furniture. Sixty-four of these were found to be correctly labelled and seventy-five, of which fifty-eight originated outside the Province, were found to be incorrectly labelled. Efforts are being made to improve this aspect of the situation.

Fumigation Regulations:

Unfortunately, it is necessary to report two deaths associated with the use of cyanide for fumigation. Apparently in spite of instructions to the contrary, a man and his wife retired for the night without leaving the windows in their room open, after it had been fumigated. The fumigator's license was suspended for six months.

Those carrying out this procedure are required to be licensed by the Department. This year twenty-four licenses for the general use of this material and twenty-two licenses limited to commercial fumigation, were issued. Some consideration has been given to extending the minimum period of airing-out after fumigation from four to twelve hours. This would involve marked inconvenience for those in neighboring dwellings, and would probably terminate cyanide fumigation in apartment blocks because of the necessity for staying out of the premises overnight.

It appears that some provision should be made whereby the licensed fumigator will take complete responsibility for all arrangements connected with fumigation, to prevent persons not licensed from dividing financial responsibility with the fumigator. It should be emphasized that the regulations including the granting of licenses are directed entirely to the safety of the public, of the fumigator, and of his employees, and do not deal with the adequacy of the disinfestation performed.

Medical Service and Sanitation in Unorganized Territory:

The regulations on this subject are enforced by six sanitary inspectors with a chief sanitary inspector. The sections dealing with medical care in the regulations were amended this year, providing for the establishment of a medical service of wider coverage, if the plan submitted is satisfactory to the Minister. The employer's liability for medical care is reduced, from a period of three months to one month, owing to war conditions; and, for maintenance outside hospital, to those who are indigent.

The increasing employment in camp operations, the difficulty experienced by contract physicians in obtaining medical assistants, the need for some arrangements for local supervision of private tourist camps and of sanitary conditions in unorganized municipalities, is considered in some detail in the chief sanitary inspector's report which follows:

Report of the Chief Sanitary Inspector:

In the year just closed employers of labour in Northern Ontario have experienced considerable difficulty with the acute shortage of labour, and it is quite apparent that large groups of workmen who usually have found employment in lumber, construction, mining and other industries located in the unorganized districts are now engaged in munition plants and subsidiary industries which are non-seasonal, permanent and more remunerative. However, to counteract the shortage of experienced workmen, lumber and pulpwood operators have to a considerable extent continued logging operations into the spring and summer months, only closing their camps for a few weeks during the year.

From our inspectors' reports it is shown that the employers are now taking a keener interest in living and environmental conditions for their employees in the camps. In many cases the employer is willing to go beyond what is legally required under the regulations. This condition is substantiated by the increased number of conferences between the operators and the district sanitary inspectors relative to the requirements under the regulations, and also in reference to the medical care and hospitalization of their workmen.

During the year conferences were held with the employers at every opportunity in the respective districts, also representatives of industry met in conference with Dr. J. G. Cunningham, Director, Division of Industrial Hygiene. From these meetings it was pointed out that owing to the war conditions and the apparent shortage of experienced labour, operators were now employing many workmen with known physical defects which originated previous to employment, thus creating a much greater liability than in other years. To meet this condition the regulations were amended during the year, reducing the employer's liability for medical, surgical and hospital care from three months to one month after the onset of illness. Under the new amendment many workmen with some form of physical disability or old age are now gainfully employed in industry without incurring any serious increased liability to the employer or the contract physician.

Industrial Camp Statistics:

In the four basic industries a total of 51,961 were employed as follows:

Industry	No. of Operators	No. of Camps	No of Men Employed
Mining	63	56	12,421
Lumber and Pulpwood	180	548	31,588
Sawmills	42	47	2,496
Construction	45	78	5,456
	330	729	51,961

From the above figures it is shown that 3,842 more workmen were employed over the previous year. This combined with a longer period of seasonal operations represents a very substantial gain in wages and production during 1941.

During the year the industrial contract physicians and the assistant physicians have submitted 2,614 camp inspection reports covering visits of inspection of the camps and the medical services rendered to the workmen under the regulations.

The following data have been compiled from the contract physicians' monthly reports as submitted to the Department during the year:

No. of Physicians' Reports Received	No. of Men Treated	Physical Examination	Communicable Diseases Reported	Immunizations
2,671	33,627	12,025	2,613	5,174

It will be noted that 33,627 workmen received medical attention either in the camps, the doctor's office or hospital, which shows 4,876 more workmen received medical care and treatment than in 1940. There has been improvement in the arrangements for transportation of sick and injured employees from the centre of operations to the established medical service and hospital centres but further effort in this direction is necessary. This condition is partially brought about by new developments opening up each year on limits far remote from the nearest railway centres or highways, thus increasing the mileage to be travelled and time involved by the contract physician. This combined with poor transportation facilities to the camps and workmen retards the development of the most satisfactory medical service by limiting the frequency of visits by the contract physician other than the minimum of one visit per month as required under the regulations.

With the present shortage of available assistant physicians for this type of medical work the operators are now considering the establishment of full time resident physicians in the camps with a local infirmary in the immediate vicinity for the treatment of minor injuries and illness, making arrangements in the hospital centres for the treatment of major illness and surgery. It is thought by approving medical contracts with a resident physician in camps where 500 or more workmen are employed, that this might attract the younger physician where available to take a keener interest in the frequency of sickness and accident cases at the point of operations, which is very desirable.

Physical examination of the workmen before employment is still a requirement by the mining companies and has to a great extent been carried out in other industries. However, it is now apparent that with the present shortage of labour, workmen with minor physical defects are now employed to a greater extent in industry than in previous years. In 1940 a total of 12,025 physical examinations of workmen for employment was made, a noticeable decrease of 2,278 than was made in the previous year, no doubt associated with the scarcity of labour.

Immunizations against typhoid and paratyphoid made were 5,174 compared with 7,276 carried out in 1940. This decrease may be explained by the extensive programmes of immunization inaugurated during the two previous years, the immunity being effective for two years. Immunization for typhoid fever is also a condition of employment in most of the mining camps and other industries in the unorganized territory.

From our records it is reported that 2,671 visits to the camps and workmen were made by the contract physicians and the assistant physicians. These visits of inspection with 784 inspections made by the district sanitary inspectors and from the central office, show that a total of 3,455 camp inspections were made during the year.

Communicable Diseases:

A total of 2,613 cases of communicable diseases were reported and investigated during the year from industrial camps located in unorganized territory as follows:

Influenza	1517	Measles	34
Pneumonia	18	Mumps	10
Impetigo	3	Tuberculosis	3
Conjunctivitis	77	Gonorrhoea	9
Diarrhoea	814	Scarlet Fever	5
Syphilis	8	Dysentery	59
Typhoid Fever	10	Chickenpox	4
Scabies	42		
			2,6 3

In addition to the above cases as recorded from the contract physicians' monthly reports we have 429 cases of communicable disease reported and investigated by the staff of inspectors in unorganized townships.

The higher incidence of communicable diseases is attributed to two conditions, first, more frequent reports and details of illness from the industrial physicians; secondly, influenza was epidemic in many camps in the districts of Kenora, Geraldton and North Bay during the past year.

It will be noted that 10 cases of typhoid fever were reported from the industrial camps. With the exception of 4 cases which developed in the lumber camps at Gogama, the others were isolated cases, two in the construction camps at Hearst, one in a camp in the Kenora district, one in the Sault Ste. Marie district, one in Fort William and one in the Kirkland Lake area. Two cases of paratyphoid were reported from one of the mines in the Kirkland Lake district. Diarrhoea was epidemic again this year during the summer and fall months in the mining camps and the area around Larder Lake. It is reported that this disease was endemic until late in the fall months. The source of the infection has not been established to date. From the reports received it is evident that a considerable amount of lost time to the workmen has occurred again this year through this source of illness. In some of the mines it is reported that 70 per cent of lost time to the workmen was caused by some form of intestinal disturbance. Our district inspectors in co-operation with the local physician in that area are carrying out further investigations to determine the cause.

Investigations were made regarding 17 cases of food poisoning which developed in one of the mining camps at Madsen Red Lake. The source of infection was traced to egg sandwiches, which had been carelessly prepared from an egg mixture. All the workmen recovered after a three-day illness.

Again this year the staff of inspectors was called on to make special investigations regarding home conditions of ex-sanatoria patients, known typhoid fever carriers, venereal disease control, bedding regulations and the enforcement of the Fire Marshal's Act.

The sanitary supervision of small villages and communities in the territorial districts without municipal organization with populations ranging from 100 to 1,800 has again this year presented some difficult problems. Numerous complaints have been received by the inspectors and the Department in regard to the question of garbage and night soil collection and disposal, and contamination of drinking water supplies and other nuisances which are continually recurring in these communities. From our inspectors' reports it is practically

impossible to organize a satisfactory voluntary system, as some of the residents will not contribute to the cost of such services on a voluntary basis. It is hoped that amendments to the *Public Health Act* will be made to meet this condition providing for the setting up of some form of taxation for this purpose under a local sanitary area board.

While the Provincial Sanitary Inspector's efforts are primarily concentrated in the unorganized territory, in the enforcement of the *Public Health Act* and regulations, the staff of inspectors has been called upon to assist the local boards of health in many organized municipalities during the year. The co-operation and assistance given by our inspectors have been much appreciated in such matters as the sanitary supervision of public water supplies, milk supplies and other local health problems.

In the judicial districts of the inspectors there are 60 pasteurization plants in organized municipalities; 9 plants are located in unorganized territory. Twenty-one chlorination plants are in organized municipalities and 36 in unorganized territory. All these plants located in the unorganized territory have come under the inspectors' routine inspection at regular intervals when in the areas on other department work.

During the months of July, August and September, many complaints were received and investigated by our staff of inspectors in regard to tourist camp sanitation. Most of the complaints were found to be justified and the results of these investigations have shown that many of our tourist camp operators and those who go camping are either inexperienced or untrained in elementary camp sanitation. There is a vast increase in the number of tourists now entering the Province each year. New highways and improved road facilities throughout the northwest part of the Province have decidedly encouraged the motor tourist combined with the foresight of the Department of Highways in establishing approximately two hundred parking lots for stop-over campers. These parking lots are usually placed under the supervision of one or more caretakers and come under the district sanitary inspectors for sanitary supervision.

Housing and catering to the tourist trade has now developed into a large business enterprise, and with the prospects of a still further influx of tourists in 1942 it is evident that our inspectors will be required to give more attention and time to the sanitary supervision of the tourist operators' camps and the adjacent settlements such as Temagami and other stopping-off points.

In regard to fresh air camps, with a Provincial sanitary inspector's office in the centre of each district in Northern Ontario, the various officials and leaders of organizations and charitable institutions, who operate children's fresh air camps in the summer months, have co-operated with the inspectors. They usually request the inspector to make a sanitary survey of the camp site, sanitary conveniences and laboratory tests of the proposed water and milk supplies before the camp is opened up for the season. When it is possible there is a follow-up inspection made when the camp is in operation.

During the course of the year the staff of inspectors made a total of 1,554 investigation inspections in the territorial districts.

Cancer Control:

In 1941, there were approximately 2,100 new cases of cancer treated at the seven clinics across Ontario. Preliminary data on the Middlesex survey to determine the number of cases in the country in 1939, suggest that the number of cases of cancer reaching the clinics is considerably below what should be

expected. There is involved more public education on the importance of the early recognition and adequate treatment of the disease. The Canadian Society for the Control of Cancer is engaged in such educational work.

This year the technical meeting of the Directors of the Cancer Clinics was held in Toronto in June, when detailed discussion took place on the results of treatment of cancer of the cervix, based on the records of the clinics. The new record system has now been in effect for five years and this, together with records previously developed at some of these hospitals, will make these discussions of increasing value as each year passes.

Radon was supplied to the extent of 7,162 millicuries, including a small amount to the National Research Council and to the Toronto General Hospital for research purposes. The radium emanation plant which has now been operating for nine years, required renovating carried out by the Division staff. There have been three changes in personnel operating this equipment in the past year. The X-ray equipment at some of the clinics has been calibrated for X-ray output. The others will be completed shortly. A full time physicist is now employed at the Toronto General Hospital clinic, which makes it possible for the physicist in the Division to devote more attention to the cancer clinics in the other centres. The ionization chamber for measuring the strength of radon seeds has been rebuilt and improved. The Henson quartz fibre electroscope has been obtained for measuring stray radiation from X-ray equipment and radioactive materials used in the cancer clinics and in industry.

THE SIXTH ANNUAL STATISTICAL REPORT ON CANCER
CALENDAR YEAR 1941

PREPARED BY DIVISION OF MEDICAL STATISTICS

In the following report there are presented trends in cancer mortality for the year 1940, and tabulations of the work performed by the seven Cancer Centres in Ontario for the year 1941.

CANCER MORTALITY

Table A shows the volume of deaths attributed to cancer for the past twenty years. It will be seen in column 4 that the percentage of deaths attributed to this disease has almost doubled since 1921, from 7.5 per cent. to 12.6 per cent. The crude death rate has also shown a steady increase with a rate of 88.1 per 100,000 in 1921 to 128.5 per 100,000 in 1940. To be kept in mind when reviewing statistics over a period of years, is the fact that possible changes may have occurred in death certification.

TABLE A

RECORDED CANCER MORTALITY

ONTARIO, 1921-1940

YEAR	Total Deaths All Causes	Cancer Deaths	Per Cent. of Total Deaths	Crude Death Rate*
1921	34,551	2,585	7.5	88.1
1922	34,034	2,609	7.7	87.5
1923	35,636	2,724	7.6	89.9
1924	33,078	2,946	8.9	96.2
1925	33,960	2,951	8.7	95.1
1926	35,909	3,116	8.7	99.0
1927	34,775	3,117	9.1	99.7
1928	37,128	3,441	9.3	106.8
1929	38,123	3,402	8.9	104.0
1930	37,313	3,635	9.7	109.7
1931	35,705	3,726	10.4	108.6
1932	36,436	3,825	10.5	110.1
1933	35,301	4,044	11.5	114.7
1934	35,105	4,034	11.5	113.2
1935	36,317	4,214	11.6	117.1
1936	37,571	4,441	11.3	120.4
1937	38,475	4,547	11.8	122.0
1938	36,890	4,472	12.1	119.9
1939	37,530	4,567	12.2	121.7
1940	38,503	4,847	12.6	128.5

*Rate per 100,000 population (estimated).

Site of Disease.—The distribution of cancer deaths by site and sex for the five years 1936-1940, is given in Table B. Nearly one-third (31.6%) of the 22,874 deaths during this period were classifiable as cancer of the digestive tract (other than stomach and duodenum). This site is found to be the most frequent in both men and women. The next most frequent site among men is the stomach and duodenum, comprising nearly one-quarter of all male cancer deaths. Among women the next most frequent sites are the breast and genital organs, each with

approximately one-fifth of the female cancer deaths. Deaths from cancer of the buccal cavity, urinary organs and respiratory organs are shown to be more common among males than among females.

TABLE B

CANCER DEATHS BY SEX AND SITE

ONTARIO, 1936-1940

Site	Males		Females		Both Sexes	
	Deaths	Per Cent. of Total	Deaths	Per Cent. of Total	Deaths	Per Cent. of Total
Stomach and Duodenum	2,582	24.0	1,634	13.5	4,216	18.4
Other Digestive Tract	3,543	32.9	3,685	30.5	7,226	31.6
Genital Organs	1,271	11.8	2,459	20.3	3,730	16.3
Breast	36	0.3	2,514	20.8	2,550	11.1
Buccal Cavity	650	6.0	133	1.1	783	3.4
Urinary Organs	795	7.4	384	3.2	1,179	5.2
Respiratory Organs	736	6.8	300	2.5	1,036	4.5
Skin	267	2.5	183	1.5	450	2.0
Other or Unspecified Sites	900	8.3	804	6.6	1,704	7.4
All Sites	10,780	100.0	12,094	100.0	22,874	100.0

Age.—Deaths from cancer at certain ages is shown in Table C. During 1940, 12.6 per cent. of all deaths in the province were attributed to cancer. At ages 50-69 years this disease held second place as a cause of death. Over 14 per cent. of the cancer deaths were at ages under 50 years. For ages over 59 years the cancer deaths exceeded only by diseases of the heart in the group 60-69 years and by diseases of the heart and diseases of the arteries in the group 70 years and over.

TABLE C

CANCER AS A CAUSE OF DEATH BY AGE

ONTARIO, 1940

Age Group	Cancer Deaths	Per Cent. of All Deaths	Rank as a Cause of Death	Specific* Death Rate	Per Cent. of Cancer Deaths
0–19	42	0.9	.....	3	0.9
20–49	669	13.0	Third	41	13.8
50–59	1,011	21.3	Second	293	20.9
60–69	1,258	17.6	Second	553	26.0
70 and Over	1,867	11.1	Third	1,196	38.5
All Ages	4,847	12.6†	Third	128.5	100.0

*Per 100,000 population. †Total deaths in 1940 were 38,386.

Of prime importance are those cases in which death was attributed to cancer of an "accessible" site at ages under 70 years. Only 92 or 6.8 per cent. of the male cancer deaths are classified as being accessible sites. In the case of females, 42.3 per cent. are in this category. Breast cases constituted nearly one-quarter (23.5%) of the female cases and uterus cases nearly one-sixth (17.4%).

TABLE D

"ACCESSIBLE" CANCER MORTALITY AT AGES UNDER 70

ONTARIO, 1940

Site	Males		Females	
	Deaths	Per Cent.	Deaths	Per Cent.
Oral Cavity	65	4.8	15	0.9
Breast	9	0.7	382	23.5
Uterus	0	.....	284	17.4
Skin	18	1.3	8	0.5
Total	92	6.8	689	42.3
Other Sites	1,261	93.2	938	57.7
All Sites	1,353	100.0	1.627	100.0

ONTARIO CANCER CENTRES—CALENDAR YEAR 1941

As in previous years the Division of Medical Statistics, Department of Health, has compiled a statistical analysis obtained from the individual record card of each patient admitted to one of the seven Cancer Centres in the province. Each Centre is supplied with a report concerning its own patients and these individual reports are then combined to provide data for the present report.

The volume of new cases seen and treated by each clinic is shown in Table 1. During the year 4,697 patients were treated at the clinics. Slightly over one-half of these cases were classified as being non-malignant tumours or non-neoplastic diseases.

Of the total of 2,473 cancer cases seen during the year. 2,295 or 93 per cent. received treatment. This is an increase of 166 cases over the previous year.

In every centre, excepting Ottawa General, the private cases exceed the public cases.

TABLE 1

NEW CASES ADMITTED—BY CENTRE

CALENDAR YEAR 1941

Centre	New Cancer Cases						Non-Cancer Cases†	Total New Patients Treated
	On Record			Treated*				
	Private	Public	Total	Private	Public	Total		
Hamilton	264	61	325	262	60	322	510	832
Kingston	154	63	217	149	57	206	429	635
London	135	92	227	133	70	203	231	434
Ottawa (C)	187	82	269	179	74	253	203	456
Ottawa (G)	48	55	103	42	42	84	86	170
Toronto	566	547	1,113	536	505	1,041	753	1,794
Windsor	186	33	219	159	27	186	190	376
Total	1,540	933	2,473	1,460	835	2,295	2,402	4,697

*Treated by any method or combination. Includes cases treated by surgery alone, but excludes palliative surgery.

†Non-malignant tumours and non-neoplastic diseases.

Table 2 shows the number of new cases admitted during the year by site of disease for each of the seven Centres. On comparing these figures with those of the previous year, an increase in the number of cases will be seen for all sites except breast. In 1940, there were 451 cases of breast cancer admitted, while in 1941 there were only 396 cases. Cases of oral cancer increased in from 331 cases in 1940 to 373 cases in 1941.

TABLE 2

NEW CANCER CASES ADMITTED—BY SITE OF DISEASE

CALENDAR YEAR—1941

Centre	Breast		Uterus		Oral Cavity		Air Passages		Rectum		Other Sites		Total	
	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.
Hamilton	73	9	36	11	21	9	1	1	10	4	123	27	264	61
Kingston	13	7	11	8	29	6	5	4	7	3	89	35	154	63
London	32	9	12	16	24	13	1	1	4	4	62	49	135	92
Ottawa (C)	35	14	14	16	34	13	7	3	4	5	93	31	187	82
Ottawa (G)	11	7	1	9	6	7	0	1	4	2	26	29	48	55
Toronto	102	65	45	112	96	85	11	24	6	12	306	249	566	547
Windsor	16	3	18	3	30	0	5	2	9	0	108	25	186	33
Total	282	114	137	175	240	133	30	36	44	30	807	445	1,540	933
Total by Site	396		312		373		66		74		1,252		2,473	
Per Cent	16.0		12.6		15.1		2.7		3.0		50.6		100.0	

The number of cases treated by radiotherapy (alone or in combination with other methods) for the last four years is shown for each clinic in Table 3. The figure for 2,069 cases for 1941 represents a decrease from the previous year.

TABLE 3

NEW CANCER CASES TREATED BY RADIOTHERAPY*

1938—1941

Centre	Private				Public				Total			
	1938	1939	1940	1941	1938	1939	1940	1941	1938	1939	1940	1941
Hamilton	233	265	244	244	69	108	77	58	302	373	321	302
Kingston	135	129	117	130	48	55	42	52	183	184	159	182
London	80	75	92	119	64	64	51	59	144	139	143	178
Ottawa (C)	159	172	165	167	81	85	62	67	240	257	227	234
Ottawa (G)	44	41	32	34	40	55	38	27	84	96	70	61
Toronto	498	501	474	492	477	509	487	451	975	1,010	961	943
Windsor	99	133	155	145	31	33	43	24	130	166	198	169
Total	1,248	1,316	1,279	1,331	810	909	800	738	2,058	2,225	2,079	2,069

*Alone or in combination with surgery or other methods. Cases treated by surgery alone and cases not treated are excluded.

Table 4 gives the number of cases treated during the year by detailed site and status. There is little change in the distribution of cases as compared with last year. The accessible sites comprised 70.6 per cent. of the 2,129 cases treated.

TABLE 4

TOTAL NEW CASES TREATED DURING 1941—BY SITE

Site of Cancer	Private		Public		Total		Grand Total	
	Alive*	Dead	Alive*	Dead	Alive*	Dead	Number	Per Cent.
Breast	243	26	89	19	332	45	337	16.4
Cervix Uteri	81	16	120	16	201	32	233	10.2
Body of Uterus	28	7	22	2	50	9	59	2.6
Lip	149	3	58	8	207	11	218	9.5
Tongue	17	3	11	6	28	9	37	1.6
Other Oral†	51	4	30	12	81	16	97	4.2
Air Sinuses	3	1	4	1	7	2	9	0.4
Larynx	8	6	10	6	18	12	30	1.3
Other Air Passages	10	2	5	8	15	10	25	1.1
Rectum and Anus	28	6	15	4	43	10	53	2.3
Skin	439	9	143	7	582	16	598	26.1
Vagina	0	0	2	0	2	0	2	0.1
Ovary	18	8	13	5	31	13	44	1.9
Bone	11	5	7	4	18	9	27	1.2
Other Dig. Tract	19	22	6	14	25	36	61	2.7
Other Sites‡	179	58	142	46	321	104	425	18.5
Total	1,284	176	677	158	1,961	334	2,295	100.0

*As at December 31, 1941 (reported). †Including tonsil.

‡Comprising leukaemia, Hodgkin's disease, etc.

The distribution of cases treated, by site, Centre and status is shown in Table 5. An increase over the previous year is noted in cases of skin cancer, while cases of breast cancer have decreased.

TABLE 5

NEW CANCER CASES TREATED* BY SITE, CENTRE AND STATUS

CALENDAR YEAR—1940

Site of Cancer	Hamilton		Kingston		London		Ottawa (C)		Ottawa (G)		Toronto		Windsor		All Centres		
	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Total
Breast	72	9	12	6	32	8	32	12	11	7	96	63	14	3	269	108	377
Cervix Uteri	28	10	4	7	6	10	13	15	1	7	31	85	14	2	97	136	233
Corpus Uteri	8	1	6	1	6	6	1	1	0	1	12	13	2	1	35	24	59
Lip	12	6	23	3	16	4	22	6	1	5	61	42	17	0	152	66	218
Tongue	2	2	0	0	1	2	6	0	2	0	6	13	3	0	20	17	37
Other Oral†	7	1	6	2	6	6	5	5	2	1	23	27	6	0	55	42	97
Air Passages‡	1	1	5	4	1	0	7	3	0	1	11	23	5	2	30	34	64
Rect	9	4	5	2	4	1	2	2	2	2	5	8	7	0	34	19	53
Skin	53	8	65	15	38	14	52	4	5	4	190	100	45	5	448	150	598
Ovary	5	0	4	0	3	0	2	1	2	1	8	15	2	1	26	18	44
Other Sites	65	18	19	17	20	19	37	25	16	13	93	116	44	13	294	221	515
Total	262	60	149	57	133	70	179	74	42	42	536	505	159	27	1,460	835	2,295
Clinic Totals	322		206		203		253		84		1,041		186		2,295		

*By radium, X-ray or surgery, or any combination of these three.

†Includes buccal surface of cheek, tonsil, etc.

‡Includes air sinuses, larnyx, pharynx and nasal fossae.

Data on the stage of disease at the time the patient first presented himself for treatment is given in Table 6.

TABLE 6

STAGE OF DISEASE ON ADMISSION—CERTAIN SITES*

NEW CASES TREATED—1936–1940 AND 1941

Site of Cancer	Stage of Disease	1936–1940		1941	
		Cases	Per Cent.	Cases	Per Cent.
Breast	I	368	32.6	73	31.6
	II	476	42.2	93	40.2
	III	284	25.2	65	28.2
	Total	1,128	100.0	231	100.0
Cervix Uteri	I	135	14.5	33	14.9
	II	300	32.4	85	38.5
	III	354	38.2	76	34.4
	IV	138	14.9	27	12.2
	Total	927	100.0	221	100.0
Lip	I	692	75.1	145	72.9
	II	176	19.1	38	19.1
	III	43	4.7	13	6.5
	IV	10	1.1	3	1.5
	Total	921	100.0	199	100.0
Tongue	I	43	23.4	14	40.0
	II	72	39.1	9	25.7
	III	55	29.9	9	25.7
	IV	14	7.6	3	8.6
	Total	184	100.0	35	100.0
Other Oral	I	80	21.1	25	27.8
	II	170	44.8	35	38.9
	III	98	25.9	21	23.3
	IV	31	8.2	9	10.0
	Total	379	100.0	90	100.0
Skin	I	2,098	84.6	424	80.2
	II	297	12.0	80	15.1
	III	62	2.5	19	3.6
	IV	22	0.9	6	1.1
	Total	2,479	100.0	529	100.0

*Recurrences excluded.

Upon comparing the two periods (1936-1940 and 1941) it will be seen that there has been a decrease in both stage I and II in the breast cases. There is a more pronounced decrease for these two stages when the figures for 1940 and 1941 are compared. Over 50 per cent. of the cervix uteri cases were staged either I or II upon admission. In 1940, this percentage amounted to only 45 per cent. Excluding skin cases of which 80.2 per cent. were classified as stage I,

it is found that only 37.4 per cent. of the patients with cancer of the breast, cervix uteri and oral cavity presented themselves for treatment before local spread, extension or metastasis.

Evidence of greater delay (in terms of stage of disease when treatment was begun) in public patients as compared with private patient still persists. In cases of oral cancer 67.4 per cent. of the private patients presented themselves for treatment before local spread or metastasis had occurred, while for public cases this percentage amounted to only 37.2 per cent. Much the same trend is found in the other two accessible sites shown.

TABLE 7

STAGES OF DISEASE—PUBLIC AND PRIVATE CASES—CERTAIN SITES*

NEW CASES TREATED ONLY—1941

Stage	Breast				Cervix Uteri				Oral Cavity			
	Private		Public		Private		Public		Private		Public	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
I	56	33.4	17	27.0	20	22.0	13	10.0	142	67.4	42	37.2
II	72	42.8	21	33.4	41	45.1	44	33.8	47	22.2	35	31.0
III	40	23.8	25	39.6	22	25.3	53	40.8	18	8.5	25	22.1
IV	....	.....	....	.....	7	7.6	20	15.4	4	1.9	11	9.7
Total	168	100.0	63	100.0	91	100.0	130	100.0	211	100.0	113	100.0

*Excluding recurrences.

Table 8 shows the classification of patients admitted during the year. There is only a very slight rise in the percentage of patients with recurrences treated, the figures being 6.4 per cent. in 1940 and 7.1 per cent. in 1941. Nearly one-third of these recurrences were breast cases. One-half of the previous cases (those cases in which other methods first preceded radiotherapy) were breast cases.

TABLE 8

CLASSIFICATION OF NEW CASES ADMITTED DURING 1941

Site of Cancer	Classification				Total
	Primary	Previous	Recurrent	Not Treated	
Breast	96	225	56	19	396
Cervix Uteri	220	9	4	16	249
Corpus Uteri	40	17	2	4	63
Oral Cavity	323	13	16	21	373
Air Passages	59	3	2	2	66
Rectum and Anus	36	7	10	21	74
Skin	505	49	44	17	615
Other Sites	388	131	40	78	637
Total	1,667	454	174	178	2,473
Per Cent	67.3	18.4	7.1	7.2	100.0

The frequency of histological examination is shown in Table 9. Of the total of 2,295 cases treated, there were 1,888 cases or 82 per cent. for which a histological confirmation of the clinical diagnosis was available. A pathological examination was done on 88 per cent, of the breast cases; 97 per cent. of the uterus cases; and 90 per cent. of the oral cases.

TABLE 9

HISTOLOGICAL EXAMINATION—BY SITE OF DISEASE

NEW CASES TREATED DURING 1941

Site of Cancer	Path. Done		No Path. Exam.		No Data		Total	
	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.
Breast	236	95	24	11	9	2	269	108
Cervix Uteri	97	127	0	5	0	4	97	136
Corpus Uteri	34	24	1	0	0	0	35	24
Oral Cavity	202	114	19	8	6	3	227	125
Air Passages	20	30	7	3	3	1	30	34
Rectum and Anus	27	11	5	5	2	3	34	19
Skin	346	138	83	11	19	1	448	150
Other Sites	213	174	72	50	35	15	320	239
Total Cancer	1,175	713	211	93	74	29	1,460	835
Per Cent	80.5	85.4	14.4	11.1	5.1	3.5	100.0	100.0

Table 10 shows the proportion of breast, uterus, oral cavity, air passages and rectum cases in each clinic for which a pathological report was obtained. Both of these figures (89.0% and 89.9%) show a slight increase over the previous year. Private cases at the Toronto clinic and public cases at the Windsor clinic for 1941 have both shown a rise of 10 per cent. over 1940.

TABLE 10

HISTOLOGICAL EXAMINATIONS—CERTAIN SITES*

NEW CASES TREATED DURING 1941

Centre	Private Cases			Public Cases		
	Histological Exams.		Total	Histological Exams.		Total
	Number	Per Cent.		Number	Per Cent.	
Hamilton	120	86.3	139	23	67.6	34
Kingston	51	83.6	61	16	64.0	25
London	66	91.7	72	35	94.6	37
Ottawa (Civic)	74	84.1	88	36	81.8	44
Ottawa (General)	17	89.5	19	24	100.0	24
Toronto	231	94.3	245	260	94.9	274
Windsor	57	83.8	68	7	87.5	8
All Centres	616	89.0	692	401	89.9	446

*Includes breast, uterus, oral cavity, air passages and rectum.

The prognosis (*i.e.* whether regarded at the outset as treatable for cure or for palliation only) of new cases treated during the year is given in Table 11.

Of the total of 2,473 cases seen at the Centres, 1,561 or 63.1 per cent. were considered treatable for cure. This is an increase of 6 per cent. over the previous year. In cases of skin cancer there is a significant increase in the ratio of cure to palliation, the figures being 52.1 in 1941 and 35.9 in 1940.

TABLE 11

TOTAL NEW CASES BY PROGNOSIS

CALENDAR YEAR 1941

Site	Treatable for			No Data	Not* Treated	Total
	Cure	Palliation	Ratio			
Breast	248	118	2.1	11	19	396
Cervix Uteri	152	76	2.0	5	16	249
Corpus Uteri	32	20	1.6	7	4	63
Lip	204	10	20.4	4	10	228
Tongue	28	8	3.5	1	4	41
Other Oral	67	27	2.5	3	7	104
Air Passages	30	27	1.1	7	2	66
Rectum and Anus	17	32	0.5	4	21	74
Skin	573	11	52.1	14	17	615
Ovary	22	21	1.0	1	6	50
Other Sites	188	283	0.7	44	72	587
Total Cancer	1,561	633	2.5	101	178	2,473
Per Cent	63.1	25.6	.....	4.1	7.2	100.0

*For any reason—see subsequent section and tabulation.

A summary of the methods of treatment among new cases during the year is shown in Table 12. In 1941, 69.6 per cent. of the 2,299 cases received radiotherapy alone. The corresponding figure for 1940 was 62.9 per cent. Those cases treated by radium alone in 1941 showed a substantial increase over the previous year—590 in 1941 and 504 in 1940. Cases treated by surgery and X-ray decreased from 476 or 22.1 per cent. in 1940 to 393 or 17.2 per cent. in 1941.

TABLE 12

METHOD OF TREATMENT OF NEW CASES DURING 1940—BY SITE*

Treatment	Site of Disease								Total	
	Breast	Cervix Uteri	Corpus Uteri	Oral Cavity	Air Passages	Rectum and Anus	Skin	Other Sites	No.	Per Cent.
X-Ray	64	30	10	72	48	17	80	350	671	29.3
Radium	0	13	12	163	3	8	379	12	590	25.8
Radium & X-Ray	10	170	11	80	8	4	30	19	332	14.5
Surgery & X-Ray	234	6	13	6	1	8	17	108	393	17.2
Surgery & Radium	1	1	4	8	0	0	32	3	49	2.1
Surg. Rad. & X-Ray	7	8	7	4	1	1	1	5	34	1.5
Not Treated	19	16	4	21	2	21	17	78	178	7.8
Surgery Alone	5	1	0	1	1	5	9	22	44	1.9
Total	340	245	61	357†	64	64	571‡	597	2,299	100.0

*Recurrences excluded.

†Includes 2 cases treated with diathermy only.

‡Includes 5 cases treated with fulgaration and 1 case treated with endothermy.

In Table 13, there is shown the distribution of treated cases by Centre and method of treatment. Radium alone, or in combination, as a method of treatment shows a marked variation from clinic to clinic. In Kingston clinic, 60 per cent. of the cases were treated in this way. In Toronto, the percentage was 55 per cent. In Hamilton clinic only 19 per cent. were so treated. Differences in site distribution at different Centres would not be great enough to account for the whole of this variation.

TABLE 13

NEW CASES TREATED BY CENTRE AND METHOD OF TREATMENT*

CALENDAR YEAR 1941

Method of Treatment	Hamilton	Kingston	London	Ottawa(C)	Ottawa(G)	Toronto	Windsor	Total Cases
	Cases							
X-Ray	150	45	52	65	21	263	75	671
Radium	19	88	44	60	3	341	35	590
Radium & X-Ray	37	23	27	57	8	143	37	332
Surgery and X-Ray	95	22	41	45	27	152	11	393
Surgery and Radium	0	2	9	5	1	30	2	49
Surgery, Radium and X-Ray	1	2	5	4	1	12	9	34
Surgery Alone	0	4	5	3	17	10	5	44
Total	302	192†	183	239	78	953‡	174	2,121
Method of Treatment	Per Cent.							Total
X-Ray	49.7	24.2	28.4	27.2	26.9	27.7	43.1	31.8
Radium	6.3	47.3	24.0	25.1	x	35.9	20.1	27.9
Radium and X-Ray	12.3	12.4	14.8	23.8	10.3	15.0	21.3	15.7
Surgery and X-Ray	31.5	11.8	22.4	18.8	34.6	16.0	6.3	18.6
Surgery and Radium	x	x	4.9	2.1	x	3.2	x	2.3
Surgery, Radium and X-Ray	x	x	2.7	x	x	1.3	5.2	1.6
Surgery Alone	x	x	2.7	x	21.8	1.1	2.9	2.1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

*Excluding recurrences.

xPercentages calculated only where 5 or more cases.

†Includes 5 cases treated with fulgaration and 1 case with endothermy.

‡Includes 2 cases treated with diathermy.

The proportion of cases treated with radium alone and in combination in each Centre is shown in Table 14. A more extensive use was made of radium alone as a form of treatment at Kingston, London, Ottawa Civic and Toronto than at the other three Centres. There is a high proportion of cervix cases treated by radium alone or in combination in all seven centres, ranging from 63 per cent. at the Ottawa General to 91 per cent. at Kingston. The total percentage of cases for this site has increased over the two previous years—84 per cent. in 1941, as compared with 76 per cent. in 1940 and 74 per cent. in 1939. Kingston, London, Ottawa Civic and Windsor Centres have used radium more extensively for oral cases than have the others. Radium was not used to treat skin cases at the Ottawa General clinic and was used in only 3 per cent. of these cases at Hamilton. Radium treatment was given to 96 per cent. of the skin cases at the Toronto Centre and 95 per cent. of the skin cases at the Ottawa Civic Centre.

TABLE 14

PROPORTION OF CASES TREATED WITH RADIUM—BY CENTRE*

CALENDAR YEAR 1941

Centre	Radium Alone (%)			Radium Alone and in Combination† (%)		
	Cervix	Oral	Skin	Cervix	Oral	Skin
Hamilton	5	31	2	84	38	3
Kingston	0	75	77	91	97	84
London	6	61	51	75	87	65
Ottawa (Civic)	11	20	85	89	93	95
Ottawa (General)	0	18	0	63	55	0
Toronto	6	59	82	86	74	96
Windsor	0	12	73	75	81	91
All Centres (%)	6	49	68	84	76	80

*Recurrences excluded. †With X-Ray, Surgery or both.

Table 15 shows the number and the reason why 178 or 7.8 per cent. of the 2,295 patients seen during the year were not treated. Patients who received palliative surgery are included in this group. In nearly one-third of these cases, treatment was not advised because of the late stage of disease at the time of admission. The distribution of the cases by clinic is as follows: Hamilton, 3; Kingston, 11; London, 24; Ottawa Civic, 16; Ottawa General, 19; Toronto, 72; Windsor, 33.

TABLE 15

UNTREATED CANCER CASES—REASON FOR NON-TREATMENT

CALENDAR YEAR 1941

Reason for Non-Treatment	Site of Cancer						Total
	Breast	Uterus	Oral Cavity	Air Passages	Rectum & Anus	Other Sites	
Too far advanced	4	12*	4	0	4	28	52
Refused treatment	2	0	2	1	2	8	15
Did not return	3	2	3	0	2	4	14
Died before treatment	1	0	0	0	1	6	8
Co-existent disease	0	0	0	0	0	3	3
Age and general condition	1	0	2	0	5	1	9
Other or no data	8	6†	10	1	7	45	77
Total	19	20	21	2	21	95	178
Total Treated	377	292	352	64	53	1,157	2,295

*Two body of uterus. †Two body of uterus.

Table 16 gives the proportion of new cases treated by sex and age for each site. Female cases are seen to be in excess of male cases only at ages under 60 years. For all ages the ratio is 0.90. Pronounced sex differences will be seen in breast, oral and skin cases.

TABLE 16

NEW CASES TREATED DURING 1941—BY AGE AND SEX

CALENDAR YEAR—1941

Site	Under 40		40–49		50–59		60–69		70–79		80 and Over		Not Stated		Total	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Breast	0	45	2	82	1	103	0	88	0	47	0	7	0	2	3	374
Cervix Uteri	0	39	0	83	0	66	0	30	0	12	0	2	0	1	0	233
Corpus Uteri	0	2	0	6	0	21	0	21	0	7	.....	...	0	2	0	59
Lip	12	0	16	0	45	2	60	1	57	1	23	0	1	0	214	4
Tongue	.....	.....	1	2	6	3	11	1	8	3	2	0	.....	.....	28	9
Other Oral	0	1	6	3	16	3	31	1	22	5	8	1	.....	.....	83	14
Air Sinuses	.....	.....	0	1	0	3	1	2	1	0	1	0	.....	.....	3	6
Larynx	2	0	2	0	10	0	10	1	4	0	1	0	.....	.....	29	1
Other Air Passages	3	0	2	1	4	2	6	3	2	1	0	0	1	0	18	7
Rectum and Anus	2	3	2	5	9	5	5	6	5	6	1	1	2	1	26	27
Skin	17	13	27	29	70	34	94	63	90	73	45	33	8	2	351	247
Ovary	0	12	0	12	2	10	2	4	0	1	0	0	0	1	4	40
Other Dig. Tract	2	0	8	5	9	5	8	9	12	1	1	0	1	0	41	20
Other Sites	63	33	42	22	78	38	69	40	26	21	7	7	4	4	289	165
Total Cancer Cases	101	148	108	251	250	295	297	270	227	178	89	51	17	13	1,089	1,206
Per Cent. (By Sex)	9.3	12.3	9.9	20.8	23.0	24.5	27.3	22.4	20.8	14.8	8.2	4.2	1.6	1.1	100.0	100.0
Ratio of Males to Females	0.68		0.43		0.85		1.10		1.28		1.75		1.31		0.90	

The number of physicians referring cancer cases to the clinics is illustrated in Table 17. The 1,230 different physicians referred one or more cases each to the clinics during the year, or an average of 2.01 new cases per referring physician. The ratio of physicians to patients for each individual clinic shows very little variation from the previous year. The 1,230 referring physicians represent more than one-quarter of the total number of physicians engaged in practice in the province.

TABLE 17

REFERRING PHYSICIANS—BY CENTRE

CALENDAR YEAR 1941

Centre	New Cases on Record	No. of Different Referring Physicians	Different Physicians per New Case
Hamilton	325	190	0.58
Kingston	217	95	0.44
London	227	145	0.64
Ottawa (C.)	269	127	0.47
Ottawa (G.)	103	49	0.48
Toronto	1,113	535	0.48
Windsor	219	89	0.41
Total	2,473	1,230	0.50

The geographical distribution of new cancer cases and case rates for each county is shown in Table 18. The case rate of 60.5 per 100,000 population is an increase over the rate of 54.6 given in 1940. The county rates per 100,000 population vary from 141 in Frontenac to 19 in Perth.

TABLE 18

NEW CANCER CASES TREATED—BY AREA OF RESIDENCE—1941

County or District of Residence	Population†	Total Cases—All Sites		Accessible Sites Only	Public Cases All Sites
		Number	Rate*		
Addington	7,590	7	92	6	3
Algoma	51,220	19	37	14	8
Brant	59,190	18	30	12	3
Bruce	46,670	22	47	17	10
Carleton	188,180	177	94	111	62
Cochrane	64,120	17	27	12	12
Dufferin	16,310	5	31	4	3
Dundas	17,830	14	79	13	3
Durham	28,460	16	56	7	9
Elgin	46,180	19	39	13	5
Essex	176,800	158	89	93	20
Frontenac	50,460	71	141	51	16
Glengarry	20,490	9	44	7	4
Grenville	18,210	16	88	12	8
Grey	63,740	32	50	28	11
Haldimand	23,520	18	77	10	3
Haliburton	6,450	4	62	4	2
Halton	29,210	18	62	13	5
Hastings	65,260	44	67	35	16
Huron	50,080	30	60	25	6
Kenora‡	28,830	1	3	1	1
Kent	69,430	40	58	37	22
Lambton	60,330	20	33	17	5
Lanark	36,420	34	93	27	8
Leeds	39,080	35	90	25	5
Lennox	13,280	13	98	9	3
Lincoln	59,540	44	73	29	16
Manitoulin	11,760	2	17	.....	1
Middlesex	130,840	103	79	74	35
Muskoka	23,140	14	61	13	5
Nipissing	45,530	20	44	19	11
Norfolk	34,530	9	26	8	1
Northumberland	34,900	16	46	12	7
Ontario	66,020	52	79	40	18
Oxford	52,740	18	34	12	9
Parry Sound	28,450	12	42	10	6
Peel	31,110	12	39	11	4
Perth	56,910	11	19	9	2
Peterborough	48,560	24	49	19	14
Prescott	27,320	10	37	7	5
Price Edward	18,210	17	93	14	8
Rainy River	19,350	.....	.....	.....	.....
Renfrew	56,670	34	59	17	7
Russell	20,490	9	44	4	3
Simcoe	92,570	41	44	33	14
Stormont	36,040	17	47	12	9
Sudbury	64,500	24	37	17	14
Thunder Bay	72,090	21	29	12	11
Timiskaming	40,980	12	29	6	8
Victoria	28,460	15	53	11	7
Waterloo	99,400	42	42	34	8
Welland	91,440	56	61	38	26
Wellington	64,120	39	61	29	16
Wentworth	210,190	193	92	133	45
York	947,360	488	52	343	249
Quebec	.....	55	.....	36	16
Other Provinces	.....	8	.....	5	3
U. S. A	.....	5	.....	5	.....
Not Stated	.....	5	.....	3	1
Grand Total	.....	2,295	.....	1,619	830
Ontario Total	3,794,000	2,222	60.5	1,570	810

*Per 100,000 population. †Estimated for 1941. ‡Includes District of Patricia.

Of the 4,697 cases admitted to the Cancer Centres, 2,402 were classified as being non-cancerous. Of these 1,126 were patients with benign tumours and 1,276 were patients with various non-neoplastic diseases. Table 19 shows the summary of these cases. There is an increase of these non-cancerous conditions of 293 cases or 13.9 per cent. over the previous year.

Keratosis, considered a pre-cancerous lesion, remains high. There is an increase in this condition of 92 cases over the year 1940. Leukoplakia, also considered a pre-cancerous lesion, dropped from 77 in 1940 to 30 in 1941.

TABLE 19

NEW NON-CANCER CASES—1941

Non-Malignant Tumours		Non-Neoplastic Diseases	
Diagnosis	Cases	Diagnosis	Cases
Angiomata	186	Actinomycosis	11
Cysts (various)	46	Asthma	15
Fibromata	37	Cervicitis	18
Keloids	31	Diseases of Thyroid	34
Keratosis	227	Fibrosis Uteri	35
Leukoplakia	30	Infections, n.s.e.*	234
Moles, naevi	49	Mastitis	48
Papillomata	125	Menorrhagia, etc.†	310
Polypi	21	Parotitis	33
Warts	242	Pruritis	29
Others	132	Skin Diseases (various)	248
		Thymic enlargement	11
		Tuberculosis	6
		Others	234
Total	1,126	Total	1,276

*Adenitis, chronic inflammation, ulcers, etc.

†Including menorrhagia, metrorrhagia and menopausal bleeding.

DIVISION OF DENTAL SERVICES

H. J. Hodgins, D.D.S., *Director.*

As in former years, the activities of the Division have included dental health education; supervision of dental services in Ontario Hospitals, Reformatories, Sanatoria and General Hospitals; direction of the operation of the dental car; and administration of the plan of emergent dental treatment for relief recipients.

The Division supplied literature to interest the children and teachers in dental health, and mouth examination charts for use in a dental survey. The Provincial Treasury grant to pay a percentage of the cost of establishing and operating school dental clinics, according to the regulations set up, has been taken advantage of by a number of municipalities this past year, in addition to those already in existence. A number of Women's Institutes, Service Clubs and local organizations have evinced an interest in dental health problems, and the Director, assisted by members of the Public Dental Health Committees of the Ontario Dental Association and the Canadian Dental Hygiene Council, gave informative talks and showed educational slides and pictures. A number of interested persons were reached by means of the exhibit at the Plowing Match, held this year at Peterborough, where there was an attendance of 100,000. The denstist of Peterborough and district co-operated with the Director and members of the Public Dental Health Committees in supplying information to the public in respect to school dental services, and showing motion pictures on dental health.

Every patient admitted to the Ontario Hospitals is given a dental examination, mouth conditions charted and radiographs made when advisable. During the year the Director regularly inspected the clinics, checked the monthly reports of the dentists in charge, and was available for consultation when required. In addition, dental clinics in Training Schools and Reformatories under the jurisdiction of the Provincial Secretary were inspected by the Director of this Division.

By Order-in-Council this year the Director has been appointed to inspect the dental clinics in all Sanatoria and public general hospitals. A large number of these were visited and it was found that the majority of the Sanatoria are well-equipped; while possibly more time might be spent by the dentists, the patients are well taken care of. In view of the importance attached to dental conditions in the Army and in public dental health, it is hoped that the general hospitals will see their way clear to provide adequate dental service to meet their individual needs.

The Central Dental Laboratory has taken care of the denture work for all the Ontario Hospitals, and in addition to making 237 full dentures and 68 partial dentures has been busy with repairs, rebases, etc. The Laboratory was changed to a better location, and remodelled to modern standards, during the year.

The Dental Car, in the unorganized territory of Kenora, has done excellent work. Approximately 1,200 school children received treatment in the car clinic,

and we feel that the health of these children, otherwise unable to secure dental treatment, will benefit.

The plan of emergent dental treatment has been changed somewhat in the past year. While the patient is still required to secure a relief voucher from the Relief Officer, the accounts of the dentists are sent on to the Medical Relief Board for payment instead of to the Treasury Department. The Medical Relief Board receives funds from the Department of Public Welfare according to the number of persons on relief in each municipality from which dental accounts are received.

Further enlistments in the Canadian Dental Corps during the year, were Dr. H. Mason and Dr. E. G. Sinclair.

HEALTH EDUCATION

Mary Power, B.A.

1. *Health Education of the Public* has been carried on chiefly through the distribution of leaflets. The policy of the Department is to refer to the local medical officer of health all requests for information received in our office from his community. In this way the M. O. H. has knowledge of the number and nature of the health education needs of his area. According to his wishes, material is supplied to him or sent direct to the organization or individual requesting it.

Among the departmental publications, "The Baby" and "Safe Milk" have been in greatest demand. While leaflets on various communicable diseases are always popular, the public is showing increased interest in immunization.

We wish to acknowledge our sincere thanks to the Canadian Tuberculosis Association for their generous co-operation in supplying us with the various leaflets on this subject for distribution throughout Ontario again this year.

To the life insurance companies we are indebted also for assistance in this connection. The London Life Insurance Company have supplied us with their leaflet on Colds, while the Metropolitan Life Insurance Company has been most generous in donations of material.

Special Groups:

The Department has been most gratified by the intense interest in health as a subject for discussion and activity by Home and School Clubs and Women's Institutes. We have special packages of material selected for such groups and have sent more than fifteen thousand leaflets to interested members this year.

Exhibits:

The 1941 International Ploughing Match was held at Peterborough and the booth of the Department featured tuberculosis and materials for health education in the school and for the general public. The health interest of the Match this year was enhanced by the attractive display and moving pictures exhibited by the Ontario Dental Association.

Our service to training schools for nurses was continued, two thousand pieces of material having been sent to instructresses requesting them.

For their work with teachers we have forwarded special packages of material to local public health nurses, representing a total of thirteen hundred leaflets.

Our annual check of sources of free or inexpensive material which may be secured by teachers and nurses was made again this year, and covered Canada and the United States.

2. *School Health Education:*

All courses for teachers were dropped during the summer of 1941, and there was in consequence no summer course in Health Education.

We have endeavoured to keep in touch with the teachers who took the Course in former years. Open House has been continued on Saturday morning for those who wish to look up references or discuss school health problems with us.

The mailing list of the Course is revised each year, and a budget of new reference material sent to teachers requesting same.

Service was given during the year as follows:

	Budgets Sent	Material Sent
To Teachers who have taken S. Course in Health Education	535	4,933
Elementary School Teachers	125	4,181
High School Teachers	90	2,781
Normal School Instructors	4	1,925

The loan service of references for teachers was continued; two hundred books were loaned to teachers and others interested in school health.

3. Ontario Health Officers' Association Annual Conference, 1941:

The meeting this year was a joint conference with the Canadian Institute of Sanitary Inspectors (Ontario Branch). The Veterinary Public Health Services Section held their first meeting, having organized the Section in 1940. The combined attendance exceeded five hundred.

No dinner session was held this year but a luncheon meeting was held on each day of the Conference. The speaker for the first luncheon was Group Captain R. W. Ryan, Director Medical Services, Royal Canadian Air Force, who gave a very interesting and valuable talk upon certain aspects of aviation medicine. The second luncheon was the Business Meeting of the Association, upon which occasion the President, Dr. F. A. Ladouceur, paid tribute to the members who had died since the last Conference, with special mention of Dr. J. W. S. McCullough, Dr. J. G. Fitzgerald and Sir Frederick Banting. The meeting stood during the reading of the following list of members who had passed on:

Medical Officers of Health who have Died During the Period, May, 1940-1941:

Name of Doctor—Municipality

Berdan, O. L., Strathroy T.
Dewar, R. D., Ekfrid Tp.
Dowsley, G. W. O., Thorah Tp.
Hyndman, A. B., Huntley and Torbolton Tps.
Johnston, R., Kennebeck Tp.
Kane, J. A., Dack Tp.
McKay, D., Collingwood T.
McKee, J. G., James Tp.
McLean, C. E., E. York Tp.
McNeice, E .W. G., Aylmer T. and Malahide Tp.
Patterson, H. Mc., Rodney V.
Rigg, J. F., Niagara T.
Rogers, N. W., Barrie T.
Rutherford, T. D., Burford Tp.
Sadler, G. S., Bangor, Radcliffe and Raglan Tps.
Simpson, A. A. J., Ashfield Tp.
Stallwood, J. B., Beamsville V.
Lockhart, G. D., King Tp.

The Secretary also read the names of those who have entered military service since the last meeting and the list of retirements during the year:

Enlisted Members:

C. G. Bell, Lion's Head.
W. H. Carson, Southampton.
E. J. Cloutier, Ansonville.
P. Poisson, Tecumseh.
F. Adams, Windsor.
R. R. Burnett, Durham.
J. B. Aiken, Fisherville.
C. D. Kilpatrick, Blyth.
C. C. Misener, Crediton.
W. A. McKibbon, Wingham.
R. L. Norris, Wyoming.
E. S. Bissell, Mallorytown.
H. C. Burleigh, Bath.
J. P. McManus, Tamworth.
F. A. Strain, Gore Bay.
Sandford English, Simcoe.
W. B. Marshall, Colborne.
J. A. McDonald, Hastings.
T. B. Feick, New Hamburg.
R. B. Gillrie, Mitchell.
J. G. Kirk, Listowel.
Wm. Aberhart, Mitchell.
O. Van Luven, Consecon.
C. W. McCormack, Renfrew.
J. M. Nettleton, Penetanguishene.
R. W. Mole, Tottenham.
W. A. Milligan, Cornwall.
J. Feller, Warren.
G. E. McCartney, Fort William.
L. V. Shier, Lindsay.
K. B. Waller, Rockwood.
L. M. Stuart, Guelph.
C. V. Milligan, Forest Hill.
W. L. Carruthers, Mt. Albert.
H. R. Adams, Long Branch.
G. Allison, Picton.

Retired Members:

H. E. Peart, Elmwood.
J. A. McInnes, Timmins.
F. Martin, Dundalk.
H. O. Singer, Markdale.
A. H. Jeffrey, Baysville.
C. E. Lindenfield, Bala.
W. Robertson, Elora.
W. H. Oaks, Bright.
R. A. Burns, Inglewood.
A. T. Shanette, Everett.
W. Glaister, Wellesley.
Wm. Geiger, Waterloo.
E. C. McFarlane, Arthur.

Following the reception of the report of the Nomination Committee, of which Dr. G. B. Stalker, Hanover, was convener, and Dr. H. M. Young, Iroquois Falls, and Dr. C. H. Bird, Gananoque, were members, the President, introduced to the meeting the President-elect, Dr. H. B. Kenner, Medical Officer of Health, Stratford. Other nominations were:

1st Vice-President,	Dr. J. C. Gillie, Fort William.
2nd Vice-President	Dr. J. W. Mackie, Lansdowne.
Secretary,	Miss Mary Power.

Executive Committee:

Representing Districts of the Ontario Medical Association—

Dr. C. A. Harris, London.
Dr. J. E. Davey, Hamilton.
Dr. J. W. Mackie, Lansdowne.
Dr. G. B. Stalker, Hanover.
Dr. W. E. Brown, Orillia.
Dr. H. M. Young, Iroquois Falls.
Dr. G. S. Cronk, Belleville.
Dr. D. G. Dingwall, Dryden.
Dr. C. H. Bird, Gananoque.
Dr. M. G. Thompson, Cornwall.

The Resolutions Committee, composed of Dr. J. E. Davey, Chairman, Dr. J. W. Mackie, and Dr. C. A. Harris, brought in a report sponsoring the following four (4) resolutions—all of which were adopted.

Resolutions:

I. That the Ontario Health Officers' Association send to the Minister of Health a recommendation that provision be made in the Regulations under the *Public Health Act* requiring that the local Boards of Health make available in the municipality immunization facilities for the prevention of those communicable diseases for which preventive measures are recommended and biological products supplied by the Department of Health of Ontario.

II. That this Conference submit to the Minister of Health the suggestion that serious consideration be given to the setting up of a standard rate of allowance for attendance at the Annual Conference of the Medical Officers of Health.

III. In view of the fact that the great need of our country for the present and future generations is to make sure that the youth of our country should be of the highest standard of mental, moral and physical fitness;

BE IT RESOLVED that this Conference request that serious consideration be given by our Executive Committee to the advisability of initiating a campaign of education for young people contemplating marriage; and to the preparation of a brief for submission to the Provincial Secretary requesting his consideration of such amendments to the Solemnization of Marriage Act as will ensure that good health and sound constitution be necessary pre-requisites for those entering the marital relation.

IV. That this Convention request the Executive to include in each year's program a period for a Round Table discussion with the various directors of the Department; that previous to the Convention Medical Officers of Health be requested to forward to the Secretary a statement of the most serious problems and difficulties that have been encountered during the year.

The following resolution, drawn up by the Medical Officers of Health for communities of 4,000 and over, was submitted from the floor. After due discussion, it was adopted by the meeting:

V. BE IT RESOLVED that this Conference, (Medical Officers of Health in municipalities of 4,000 and over in Ontario), recommend that all recruits to all the branches of the Canadian Active Services, have a blood serological test included in the routine examination for the service and also upon discharge; and that this resolution be forwarded to the responsible authorities.

Following submission of Resolution III the following motion was offered as an amendment:

VI. That the Ontario Health Officers' Association recommend to the Minister of Health, legislation providing that no feeble minded inmate of an Ontario Hospital, capable of bearing children, be discharged until an effort has been made to secure the consent of the parent or guardian, to the voluntary sterilization of such inmate.

The meeting questioned the status of the motion as an amendment; it was then submitted as a separate motion and later adopted.

The meeting showed its appreciation of the programme by a full attendance and sustained interest in the general sessions. The plan of holding section

meetings on the second morning of the Conference was heartily endorsed and resulted in a unanimous expression of satisfaction accompanied by a request for a repetition of the plan at the next Conference.

The Veterinary Public Health Services Section, under the able guidance of Dr. H. G. Davis, of Aylmer, arranged a programme of great interest and value. The members who participated gave unstintingly of their time and provided a contribution of much merit to the Annual Conference.

The Canadian Institute of Sanitary Inspectors increased their attendance and accomplished a great deal in the two days of business. The members who submitted papers based their material on wide experience and technical knowledge which speaks well for the future contribution of this group to Public Health in Ontario.

The programme of the Joint Conference is given in detail:

ONTARIO HEALTH OFFICERS' ASSOCIATION

ANNUAL CONFERENCE 1941

Joint Meeting with the

CANADIAN INSTITUTE OF SANITARY INSPECTORS
(Ontario Branch)

Royal York Hotel, Toronto, May 22-23, 1941
(Daylight Saving Time)

THURSDAY, MAY 22

9.00 a.m.—Executive Meeting. Secretary's Room.

9.00 a.m.—Registration.

9.00 a.m.—Showing of Films.

10.15 a.m.—General Session. Crystal Ball Room.

Review of Legislation as passed at the 1941 Session of the Legislature:

Interpretation of the Legislation in General Terms.
Dr. B. T. McGhie, Deputy Minister of Health.
Alan Van Every, Solicitor to the Department of Municipal Affairs.

Specific Legislation and its Application by the Local Community.
Directors of the Divisions, Ontario Department of Health.

11.30 a.m.—Appointment of Committees:
Committee on Resolutions.
Committee on Nominations.

SECTION MEETINGS

Section:—Veterinarians' Section

Hall "A"

9.00 a.m.—Registration.

10.15 a.m.—General Session. Crystal Ball Room.

Section:—Canadian Institute of Sanitary Inspectors (Ontario Branch)

Hall "B"

10.00 a.m.—Registration.

Conference opened.
Chairman: D. S. McKee, C.S.I.(C), President, Ontario Branch, Canadian Institute of Sanitary Inspectors.

(a) Housing and Sanitary Control in Rural and Small Urban Communities.
Hugh McIntyre, A.R. San.I., Provincial Sanitary Inspector, Kirkland Lake.

(b) The Role of the Sanitary Inspector in a Modern City Health Service.
E. J. Picton, C.S.I.(C), Sanitary Inspector, Hamilton.

(c) Sanitization of Eating Utensils.

R. A. MacPherson, B.A., C.S.I.(C.), Sanitary Inspector, Peterborough.

Discussion.

LUNCHEON MEETING

Tudor Room

12.30 noon—Luncheon Session. All Sections.

Address of Welcome. Harold J. Kirby, K.C., Minister of Health for Ontario.

Address. Group Captain R. W. Ryan, Director, Medical Services, Royal Canadian Air Force.

THURSDAY, MAY 22

(AFTERNOON SESSION)

Crystal Ball Room

2.15 p.m.—Presidential Address. Dr. F. A. Ladouceur.

2.30 p.m.—Symposium: "Public Health in Wartime."

1. Communicable Disease Control. Dr. John T. Phair, Chief Medical Officer of Health.

2. Special Measures with Regard to Cerebro-Spinal Meningitis.
Dr. Nelles Silverthorne, Research and Clinical Associate, Connaught Laboratories.

3. The Physician's Contribution to Industrial Health in Wartime.
Dr. J. Grant Cunningham, Director Division of Industrial Hygiene, Ontario Department of Health.

4. Civilian Defence. Dr. W. L. Hutton, Medical Officer of Health, Brantford.

Showing of Film: "London Can Take It."

4.00 p.m.—Committee on Resolutions will meet in the room of the President.

FRIDAY, MAY 23

(MORNING SESSION)

SECTION MEETINGS

SECTION: MEDICAL OFFICERS OF HEALTH FROM COMMUNITIES OF POPULATION 4,000 AND OVER

Hall "D"

Chairman: Dr. H. B. Kenner, Medical Officer of Health, Stratford.

9.30 a.m.—Administrative Procedures in Problems of Sanitation.
Dr. A. E. Berry, Director Division of Sanitary Engineering, Ontario Department of Health.

Value of the Annual Report.
Dr. J. Edgar Davey, Medical Officer of Health, Hamilton.

The Health Programme in the High School.
Dr. D. V. Currey, Medical Officer of Health, St. Catharines.

Whose is the Responsibility for Following Up the Venereal Disease Contact?
Dr. W. H. Avery, Director Division of Venereal Disease Control, Ontario Department of Health.

The Urban Centre and Suburban Areas: Responsibility for Child Health Services
Dr. C. A. Harris, Medical Officer of Health, London.

Question Box.

SECTION: MEDICAL OFFICERS OF HEALTH FROM COMMUNITIES OF POPULATION 4,000 OR LESS

Crystal Ball Room

Chairman: Dr. F. A. Ladouceur, Medical Officer of Health, Casselman

9.30 a.m.—Assistance Available to the Medical Officer of Health for His Local Dental Health Programme:

What the Ontario Dental Association Offers. Dr. A. E. Higgins, Secretary.

What the Department of Health of Ontario Contributes.
Dr. H. J. Hodgins, Director, Dental Services.

Immunization Against Scarlet Fever.
Dr. L. J. Sutherland, Medical Officer of Health, Owen Sound.

The Relationship of the Medical Officer of Health to the Local Board of Health.
Dr. J. Howard Munro, Chairman, County Board of Health, Maxville, Ont.

Standards for Tourist Accommodation.
G. A. H. Burn, B.A.Sc., Division of Sanitary Engineering, Ontario Department of Health.

Administrative Procedures in Problems of Rural Sanitation.
Dr. A. E. Berry, Director, Division of Sanitary Engineering, Ontario Department of Health.

Question Box.

SECTION: CANADIAN INSTITUTE OF SANITARY INSPECTORS (Ontario Branch)

Hall "B"

Chairman: D. S. McKee, C.S.I.(C.)

9.00 a.m.—(a) Restaurant Inspection.
A. G. Macnab, C.S.I.(C.), Westmount, P. Q.

(b) Instruction and Supervision of Food Handlers: What Shall We Tell Them?
Gordon Miller, C.S.I.(C.), Chief Sanitary Inspector, Windsor.

(c) Field Work re Typhoid Fever Control and Follow-Up of Typhoid Carriers in Unorganized Districts.

D. E. Moore, C.S.I.(C.), Provincial Sanitary Inspector, Kenora.

Discussion.

SECTION: VETERINARIANS' SECTION

Hall "A"

Chairman: Dr. H. J. Davis, Aylmer.

9.00 a.m.—1. Paratyphoid Infections of Animals Transmissable to Man.
A. R. Younie, Food and Milk Inspector, St. Catharines.

2. Mastitic Infection as It Affects the Milk Supply.
C. K. Mader, Department of Food Control, Kitchener.

3. Viability of Pathogens in Dairy Products.
W. G. Stevenson, Ontario Agricultural College, Guelph.

4. Handling of Fish.
F. W. Fleming, Central Laboratories, Ontario Department of Health.

4. Effect of Temperature on Storage of Foods.
H. J. Davis, Aylmer.

6. The Need for Meat Inspection in Rural Districts.
W. A. Gill, Division of Food Sanitation, London.

LUNCHEON SESSION (All Sections)

Tudor Room

12.30 noon—Business Meeting of the Ontario Health Officers' Association.
Presiding: Dr. F. A. Ladouceur.

Tribute to Members deceased since 1940 Conference.

Reception of Reports:

Committee on Resolutions.

Committee on Accident Prevention.

Committee on Nominations.

Election of Officers.

FRIDAY, MAY 23

(Afternoon Session)

Crystal Ball Room

2.15 p.m.—Influenza. Dr. Ronald Hare, Research and Clinical Associate, Connaught Laboratories, University of Toronto.

Value of Tuberculin Testing and X-Raying of Positive Reactors in Certain Groups of the Population.
Dr. L. A. Pequegnat, Deputy Medical Officer of Health, Toronto.

Psittacosis. Dr. A. L. MacNabb, Director of Laboratories, Ontario Department of Health.

Trichiniasis—Report of a Recent Outbreak: Parasitology—Symptomatology—Pathology—and Control.
Dr. W. J. Deadman, Director of Laboratories, Hamilton.

SECTION MEETING

Section: Canadian Institute of Sanitary Inspectors (Ontario Branch)

Hall "B"

2.15 p.m.—Annual Meeting and Election of Officers.

DIVISION OF NURSE REGISTRATION

ALEXANDRA M. MUNN, *Reg. N., Director.*

I have the honour to present the Report of the Division of Nurse Registration for 1941.

Hospital inspection visits were fewer for 1941 due to epidemics in nursery units, and a subsequent survey of these units.

Hospital inspection visits, covering from one to three days, were made to thirty-eight general hospital training schools, three mental hospital training schools and three affiliate hospitals. As well, there were twenty-nine emergency and "brief call" visits paid to various hospitals throughout the Province. These visits were introductory to a newly appointed Inspector of Training Schools.

Special stress was laid on shorter hours of duty for student nurses, development of the services in the hospital with a view to more valuable practical experience for student nurses; and the health programme. The new cumulative health record is in use in most training schools and is being enthusiastically endorsed by those using it.

In discussing the student educational programme with Superintendents of Nurses and Instructresses the need for more and closer clinical supervision of students was stressed.

There would appear to be a definite lessening in days of illness among student nurses where hours of duty have been shortened. Night hours of duty remain too long in many hospitals.

The majority of training schools have appointed full time Instructresses. In a number of the small hospitals this executive fills the dual position of Instructress and Assistant to the Superintendent. This is an encouraging, progressive step.

Superintendents report less applicants than during 1940, but applications in the majority of hospitals were still sufficient to give a satisfactory choice.

Regular hospital inspections were interrupted because of epidemics in obstetrical nurseries. A survey was organized. Twenty-six hospitals were visited where details of nursing techniques were inquired into and, where possible, observed. This survey was carried on in conjunction with the Division of Provincial Laboratories and Division of Epidemiology.

Council of Nurse Education:

Seven meetings were held. Routine business included arrangements for registration examinations in May and November.

The Headmasters' Regional Conference in connection with secondary schools presented certain recommendations for the consideration of the Council of Nurse Education, with the hope that the high school diploma would be acceptable in lieu of twelve Middle School papers. No action has been taken, but this request will come up again for final decision when annual reports from training schools have been received.

Following the Nurse Registration Examinations in May a recommendation was made by the Chairman of the Examining Board, that the time table should be re-arranged so as to give students more time. A half-day was added in November and the results seem to have justified this change.

At the request of the Registered Nurses' Association of Ontario, consideration was given to the organization of a course in practical nursing, sponsored by that organization, and directed by the London Central Registry. The outline is as follows:—

1. A central school for the training of the practical nurse.
2. The course of training to cover a period of six months.
   (*a*) Three months' tuition in the Central School.
   (*b*) Two months in a hospital for general training. (A hospital for chronic and incurable cases; not caring for actually ill patients.)
   (*c*) One month in field work under supervision of a Registered Nurse. (The housekeeping and care of sick in homes.)
3. At the successful completion of the course a certificate that would be recognized by the Provincial Department of Health at such time as practical nurses are registered and licensed.

A progress report received gives the information that twelve students were entered in September and that ten have completed the first three months of the course. This experiment is being watched with interest since it is the first of its kind to be attempted in Ontario.

Following the annual meeting of the Registered Nurses' Association of Ontario we were asked to approach all Superintendents of training schools with a request that all student nurses be given first aid and emergency nursing in their final year. There has been a satisfactory response and there will be no difficulty in covering the work satisfactorily in hospitals so that nurses will graduate with full knowledge of their place in basic organization.

The Ontario Dental Association approached the Council of Nurse Education with an outline of lectures on Dentistry, to be given to all student nurses. The outline which was offered was modified to meet the needs of student nurses and all schools are now asked to give a minimum of three lectures on Dental Surgery and Hygiene. The Dental Association is giving fine co-operation in assisting with the selection of lecturers where necessary in certain centres. The outline of the course is as follows:

Lecture 1.—The Importance and Anatomy of the Teeth:

1. The purpose, value, importance and number of teeth.
2. The dentitions and their development.
3. Dental nomenclature, anatomy and gross histology of the teeth and adjacent structures.
4. The importance of first dentition; the six year molar; and the effect on facial development.

Lecture II.—Dental Infections:

1. The theory of caries.
2. Pulpitis..
3. Devitalization of the pulp.
4. Abscesses and root infections.
5. Periodontal diseases.

Lecture III.—Preventive Measures for the Maintenance of Dental Health:

1. Periods of susceptibility to caries.
2. Correction of harmful habits and prevention of irregularities.
3. Oral prophylaxis and care of sick patient.
4. The influence of diet and mastication.

STATEMENT OF REGISTRANTS

Total number registered, 1941	1,358
Total number taking examination, 1941	1,498
Total number registered since 1923	26,536

STATEMENT OF REVENUE

Registration Fees	$ 6,485.00
Re-Registration Fees	16,287.98
Training School Records	140.30
Examination Fees	6,316.00
Miscellaneous	44.78
	$ 29,274.06

DIVISION OF SANITARY ENGINEERING

A. E. Berry, M.A.Sc., C.E., Ph.D., *Director.*

War programmes have had a direct bearing on the work of the Division for the year 1941. Expenditures on municipal projects have been carried on to a considerable degree in those places where extensions were necessary to serve industries and increased populations resulting from camps and industrial developments. Municipal programmes, not influenced by these war conditions have not proceeded to any great extent. Municipal officers have exercised strict surveillance over their plants to guard against any attempted sabotage. There has been a noticeable increase in many centres in water consumption. Milk pasteurization in the Province has been maintained at a high level and the diseases normally associated with this product have shown continued reductions. Sanitary problems have been intensified in places owing to changes in housing conditions and the movement of population. Recreational facilities were engaged to a high capacity during the early part of the summer of 1941, but restrictions placed on travel curtailed this towards the latter part of the season.

Waterworks:

The expenditures approved by the Department for water works systems, including extensions and treatment, amounted to $982,564.79 as compared with a total of $833,903.48 for the previous year. This figure is naturally much below that of a normal peacetime year, and much of the work involved in this expenditure had to do with extensions made mandatory by the war. 122 certificates were issued during the year as compared with 120 for the previous year.

Major changes involved in these approvals included the City of Kingston where a new intake and supply mains were endorsed. The City of Peterborough received approval for the construction of a feeder main from the filtration plant to the distribution system. Many extensions of mains were made in different municipalities to supply houses constructed by Wartime Housing Limited. Most of these were made in isolated sections of the urban centre, or in the adjoining townships. At Bowmanville, additions were made to the supply works whereby the volume of water available in that centre has been increased substantially.

Water Treatment:

No new Water Treatment plants of moderate or large size have been built during the year. The City of Toronto put into service on November 1st the new Victoria Park filtration plant. This gives the city a second supply, with a plant having a designed capacity of 100,000,000 gallons per day.

During the year continued supervision has been maintained by the Department over all water treatment plants in the Province. Chlorination inspections have been made periodically, and as frequently as the limited staff of the Division made this possible. There are now 203 chlorination installations in the Province for treatment of municipal water supplies. Difficulty has been experienced in the changes in personnel and it has been difficult to retain

trained officials to carry on the treatment of the water. There has been a general increase in water consumption during the year, for which a number of factors may be involved.

Industrial development and war activities have increased to some considerable degree the volume of sewage discharged into surface streams. In many of these the effect on the municipal water supplies is too direct. The larger volume of sewage has resulted from increase in population, and from the corresponding increase in water consumption. Attempts have been made to improve taste conditions in certain municipalities. Means are now available for dealing with most objectionable tastes and it is a problem of applying those measures.

Sewerage Programmes:

A number of changes have taken place in sewerage systems but these, for the most part, have been extensions to existing systems made necessary by housing developments and industrial expansion. Municipal sewage plants have not increased in numbers, but efforts have been made to utilize existing ones to take care of the increased flow of sewage.

Approval certificates were issued during the year to an estimated value of $797,621.70. This is considerably lower than previous years and is due to the curtailment of normal municipal programmes. 142 certificates were involved in this list as compared with 129 for the previous year.

The important sewage disposal project at this time is the plant for the City of Toronto. This has been under discussion most of the year but has been delayed owing to the problem of getting steel for the plant. This plant, as now proposed, is the first part of a complete treatment plant. It has been designed to relieve the load on the waterworks intakes, and on the bathing beaches in the East end of the City.

Sewage treatment plants have been under the supervision of the Department during the year, with periodical examination of these and assistance given to operators. There are treatment plants in 77 municipalities now, as well as industrial units, and plants in various camps. A number of treatment plants have been built for industrial plants. These have been either sedimentation or trickling filters, each of relatively small capacity.

War Sanitation:

The Division has co-operated during the year with authorities responsible or camps of various kinds in their problems of water supply, sewage disposal and all forms of sanitation. New industrial plants have brought difficulties in sewage disposal since many of these are situated on small streams, and adequate sewage treatment must be provided.

Milk Control:

Milk control has continued as in previous years with general supervision over all pasteurization plants. There were 810 of these in operation at the end of the year. Some amalgamations have taken place because of labor scarcity, and other difficulties. These plants required 1,738 inspections during the year. It was necessary to reduce this work because of insufficient staff.

It is now estimated that over 98% of all milk sold for consumption in fluid form or delivered in the province is pasteurized. The total milk consumption for the Province continues to rise. Diseases which may be milk-borne have

continued at the same low level or somewhat lower. A major decline occurred in 1939, the first year of the pasteurization legislation.

The Provincial programme at present does not include inspection of farms. This is purely a local responsibility. One of the major difficulties encountered in the milk control of the year was turnover in employees, and the general scarcity of men for this work.

Recreational Sanitation:

Summer camps were controlled for the second year under provincial regulations, which require a license from the Department. 182 licenses were issued during the year. These requirements are gradually bringing the camps up to a uniform standard, in which safety to the vacationists is the major point.

As in previous years an effort was made to supervise the more important recreational facilities of the province during the summer. Water supply and sewage disposal were given major attention in these places. No inspections were made of tourist camps and highway refreshment services.

Cemetery Regulations:

An amendment to the "Cemetery Act" was passed at the legislative session. This gave the Department authority to pass regulations having to do with cemetery control. These were adopted by Order-in-Council on October 9th. The full text of the regulations will be found in this report. (See page 22.)

The new regulations require the filing for approval of all plans and rules or by-laws. The total number of these in the Province is not yet known, but an improvement in the maintenance of cemeteries appears to be in prospect as the result of these new regulatory measures.

Nuisances and Complaints:

The Division continues to receive numerous requests for the correction of complaints and nuisances. These come from private parties, health officers and municipal officials. Over 185 of these were received and investigated during the year in addition to the regular work of the staff.

Attached is a list of the waterworks and sewerage certificates issued during the year.

CERTIFICATES ISSUED RE WATERMAIN EXTENSIONS, PURIFICATION, ETC., FOR THE YEAR 1941

Municipality	No. of Certificates	Watermain Extensions	Supply and Purification
Almonte	4	$ 6,366 12	.....
Barton Township	6	28,981 20	.....
Bowmanville	1	14,000 00	.....
Chatham	5	3,039 00	.....
Cornwall	1	1,425 00	.....
Crowland Township	1	12,267 80	.....
Dundas	1	3,103 38	.....
Etobicoke Township	3	24,280 10	.....
Fonthill	1	1,705 00	.....
Fort Frances	1	697 00	.....
Hamilton	8	48,821 00	.....
Kingston	1	.....	$ 202,500 00
Kingston Township	1	42,000 00	.....
Kitchener	1	940 00	.....
Leaside	2	23,638 00	.....
London Township	3	2,890 00	.....
Maidstone Township	1	6,938 00	.....
Monaghan North Township	2	2,655 00	.....
Nelson Township	1	2,978 00	.....
Nepean Township	3	22,375 95	.....
New Toronto	1	25,000 00	.....
Nobel	1	2,500 00	.....
Ottawa	5	22,200 00	.....
Parry Sound	1	27,800 00	.....
Peterborough	2	61,300 00	.....
Pickering Township	1	12,000 00	.....
Port Arthur	2	5,216 17	.....
Port Credit	2	9,700 00	.....
Port Hope	1	6,300 00	.....
Saltfleet Township	1	29,792 95	.....
Sandwich East Township	1	4,009 35	.....
Sarnia	1	4,000 00	.....
Scarborough Township	1	26,100 00	.....
Stamford Township	4	29,134 33	.....
Sudbury	2	55,960 03	.....
Tavistock	1	3,908 75	.....
Teck Township	2	18,325 00	.....
Timmins	1	19,341 35	.....
Toronto	4	5,713 00	.....
Toronto Township	2	18,172 50	.....
Welland	1	.....	37,000 00
York Township	13	41,609 00	.....
York East Township	21	36,984 20	.....
York North Township	4	28,897 61	.....
Total	122	$ 743,064 79	$ 239,500 00

CERTIFICATES ISSUED RE SEWERAGE FOR THE YEAR 1941

Municipality	No. of Certificates	Sewer Extensions	Disposal
Almonte	4	$ 5,475 42	
Bala	1	8,000 00	
Barton Township	3	14,556 02	
Belleville	1	2,520 00	
Brantford	1	1,194 00	
Burlington	1	6,500 00	
Chatham	6	4,344 00	
Cornwall Township	1	860 00	
Crowland Township	1	27,623 00	
Dryden	1	188 50	
Dundas	2	968 00	
Elmira	2	1,605 00	
Etobicoke Township	3	34,646 00	
Forest Hill Village	4	40,650 00	
Fort William	1	2,205 00	
Grantham Township	1	20,000 00	
Hamilton	9	71,012 00	
Kingston	6	14,029 40	
Kitchener	2	14,496 00	
Leaside	3	65,173 00	
London	4	19,730 85	
Merritton	1	4,600 00	
Monaghan North Township	1	368 50	
Morrisburg	1	825 00	
Napanee	1	5,670 75	
Nepean Township	1	9,717 00	
New Liskeard	1	2,009 70	
Nobel	1	2,550 00	
Orillia	1	2,380 20	
Ottawa	3	11,180 00	
Parry Sound	1	26,000 00	
Peterborough	4	33,307 75	
Pickering Township	1		$ 9,500 00
Port Arthur	4	26,743 82	
Richmond Hill	1	10,000 00	
Rockcliffe Park	1	15,332 73	
St. Catharines	6	16,982 00	
Sault Ste. Marie	1	7,524 00	
Scarborough Township	1	29,833 63	
Stamford Township	1	1,143 46	
Stratford	2	15,379 00	
Sudbury	2	5,868 77	
Swansea	3	1,945 00	
Teck Township	2	18,905 00	
Timmins	1	2,863 00	
Toronto	11	77,555 00	
Waterloo	1	1,242 00	
Westminster Township	3	29,563 80	
Woodstock	1	905 00	
York Township	4	14,470 00	
York East Township	19	40,320 40	
York North Township	4	17,160 00	
Total	143	$ 788,121 70	$ 9,500 00

SUMMARY

Re Waterworks:	Estimated Cost
Extensions to existing systems	$ 743,064 79
Purification of water supplies	239,500 00
Total	$ 982,564 79

Re Sewerage:	
Extensions to existing systems	$ 788,121 70
Treatment Works	9,500 00
Total	$ 797,621 70

The total number of applications favorably reported upon re Waterworks and Sewerage for the year was 264 and involves an estimated expenditure of $1,780,186 49

DIVISION OF LABORATORIES

A. L. MacNabb, B.V.Sc., *Director*

The volume of work performed by the Division of Laboratories in the year 1941 exceeded that of any previous year by 154,793 specimens of which 99,793 specimens were examined at the Central Laboratory. In addition to the routine work performed for the civilian population, 56,760 examinations were made for members of the Canadian Army and 41,860 examinations for the personnel of the R. C. A. F. The work conducted for the personnel of the Army and the Air Force represented 6.8 and 4.8 per cent. respectively, of the total number of examinations made.

The marked increase in the volume of work has necessitated an increase in personnel. The Central Laboratory staff now has 94 members. An additional staff member was added to each of two of our branch laboratories, Kingston and Ottawa, and five members to the office secretarial staff.

During the year 1941, Dr. Doris Howell volunteered for service with the British Ministry of Health, Blood Donation Branch, Dr. Howell left our staff in September last. Dr. Norman Garand of our pathological staff, Toronto, and Mr. A. D. McClure, B.A., of our North Bay Branch laboratory joined the R. C. A. F. Five technical workers, two from the Ottawa branch and three from the Central Laboratory, offered their services to the R. C. A. F. Mr. John Percy, M.A., of the Central Laboratory staff, was promoted to the Directorship of the North Bay Branch.

The increased volume of work necessitated a marked increase in the number of outfits prepared. During the year 1941, 360,773 outfits were prepared at the Central Laboratory. It was necessary to transfer the preparation of these outfits from the fourth floor, East Block, to 11 Queen's Park, where more adequate space was available.

TABLE I
OUTFITS PREPARED

Wassermann	134,613
Gonococcus Smear	36,281
Non Protein Nitrogen	9,233
Pin Worms	1,620
Miscellaneous	10,408
Dark Field	1,381
Cows' Blood	1,650
Sodium Citrate	188
Spinal Fluid	2,921
Gonococcus Cultures	3,041
Special Serology	583
Restaurant	106
Beverage Room	61
Pathology	12,164
Water (with Containers)	10,962
Water (Plain)	3,482
Diphtheria	12,233
Sputum	81,604
Blood Sugar	20,103
Faeces	6,853
Blood Culture	5,676
Whole Blood	2,377
Streptococcus	3,233
Total	360,773

Table 1 indicates the number and nature of outfits distributed during the past year.

The demands for media were much greater than in any previous year.

TABLE II

MEDIA, STAINS, ETC., PREPARED

Fluid media	1,036 litres
Differential media, tubed	109,544 tubes
Solid media, in Petri plates	57,912 plates
Faeces and blood culture outfits	19,402 bottles
Saline solution	985 litres
Stains	495 litres

Table II outlines the amount of media prepared during 1941.

Psittacosis infection was identified in our province in 1940. In March, last year a new laboratory unit, located at 999 Queen St. W., was opened. This laboratory provides necessary space for diagnostic work for Psittacosis and other virus infections. The Laboratory also provides adequate and suitable quarters for experimental animals.

During the past year, the Department of Health entered into agreement with the Belleville General Hospital, whereby the laboratory at that Institution would serve as a diagnostic centre, and it would receive specimens submitted by physicians residing in Hastings, Frontenac and Prince Edward Counties. The value of local laboratory service has been demonstrated. The introduction of chemotherapy renders it highly desirable, in fact necessary, in certain diseases. *e.g.* pneumonia and meningitis, that both a bacteriological and chemical diagnosis should be readily available. The Department contemplates the establishment of two other such laboratory units. In other words, the Central and larger Branch Laboratories, while still serving as diagnostic centres for some of the more technical procedures, will also serve as reference laboratories, to which the local subsidized laboratory may refer certain specimens and forward certain strains of organisms for confirmation.

TABLE III

DIVISION OF LABORATORIES—DEPARTMENT OF HEALTH, ONTARIO

Routine Procedures.	Number of Examinations										
Type of Specimen	Toronto	London	Ottawa	Fort William	Richardson Lab. Kingston	North Bay	Peterboro	Sault Ste. Marie	Govt. Bldg. Kingston	Belleville	Total
Bacteriology:											
Diphtheria—Direct Smears	3198	1775	723	103	40	18	275	...	...	44	6176
Cultures	25583	3102	4144	755	640	437	861	781	...	44	36347
Virulence Tests	2074	74	44	1	...	11	25	...	...	...	2229
Kellogg Tests	33	...	...	...	...	...	...	...	...	...	33
Further Tests	413	2032	...	649	...	437	...	802	...	...	4333
Tuberculosis—											
Microscopic Smears	13683	4255	2403	1962	...	1271	332	289	2011	9	26225
Guinea Pigs Inoculated	1047	10	32	79	...	128	13	1	463	...	1773
Cultures	10519	674	862	871	...	644	...	3	...	...	13573
Miscellaneous TB. Smears	14170	...	...	...	...	...	...	...	...	...	14170
Gonorrhoea—											
Microscopic Smears	14528	3757	4892	4418	...	3939	1296	1157	1919	100	36006
Cultures	2738	181	578	359	...	136	14	151	685	...	4842
Complement Fixation	574	97	...	184	...	...	...	...	...	...	855
Pneumonia—											
Pneumococcus Typing	1701	87	40	252	42	307	9	5	...	...	2443
Meningitis—Spinal Fluids	1132	56	94	...	127	375	85	15	...	...	1884
Swabs	77	6	...	...	14	...	...	...	...	...	97
Whooping Cough	308	4	32	...	...	...	...	...	...	...	344
Haemolytic Streptococcus Infections	1185	309	...	902	...	...	...	...	...	5	2401
Rabies	17	1	...	...	...	...	...	...	...	...	18
Agglutinations:											
Whole Bloods—											
Typhoid H. & O.	2659	1131	248	407	276	233	75	15	...	8	5052
Typhi VI	200	1	...	...	...	...	...	...	...	...	201
Paratyphoid A	2659	1117	237	204	276	233	75	14	...	8	4823
Paratyph.B.(Type & Group)	2659	1120	237	407	276	466	75	14	...	8	5262
Br. Abortus	2659	1122	246	208	276	233	75	15	...	8	4842
Cow's Blood	1045	864	14	25	...	...	58	10	...	...	2016
B. Tularense	2659	754	8	204	...	233	73	14	...	8	3953
Paradysentery Flexner	48	...	...	...	...	...	...	...	...	...	48
Dysentery Shiga	12	...	...	...	...	...	...	...	...	...	12
Heterophile Antibody	96	33	...	...	...	...	...	...	...	...	129
Dried Blood	7	25	...	...	...	...	...	...	...	...	32
Faeces Examinations—											
Parasitic Ova	368	108	125	49	6	51	1	2	...	6	716
Occult Blood	78	44	18	12	21	11	24	2	...	17	227
Cultures	3934	511	171	599	134	249	19	6	...	...	5623
Blood Cultures	3672	1328	157	344	112	237	100	20	...	...	5970
Miscellaneous Bacteriological Examinations	9623	4854	362	2599	275	1535	991	1673	322	221	22455
Sanitary Analysis:											
Milk—Standard Plate Counts	5961	6015	4225	3494	1162	2406	1192	1478	...	...	25933
B. Coli Counts	5863	2871	4222	1116	529	2406	900	...	...	...	17907
Phosphatase	3330	2898	3984	993	51	1071	633	443	...	...	13403
Chemical Tests	3922	4599	...	1069	302	...	...	...	...	...	9892
Mastitic Test	1503	2	...	...	...	...	...	...	...	...	1505
Miscellaneous	52	...	...	...	...	...	...	...	...	...	52
Ice Cream—Plate Counts	5	185	109	...	...	...	...	...	...	...	299
B. Coli Counts	5	185	109	...	...	...	...	...	...	...	299
Phosphatase	...	...	100	...	...	...	...	...	...	...	100

TABLE III—Continued

DIVISION OF LABORATORIES—DEPARTMENT OF HEALTH, ONTARIO

ROUTINE PROCEDURES. NUMBER OF EXAMINATIONS

TYPE OF SPECIMEN	Toronto	London	Ottawa	Fort William	Richardson Lab. Kingston	North Bay	Peterboro	Sault Ste. Marie	Govt. Bldg. Kingston	Belleville	Total
Water—											
Standard Plate Counts	1594	508	5268	4306	1112	2768	1625	4255		25	21461
B. Coli	12473	4758									17231
Carbonated Beverages		6	120		4						130
Food Examinations	47		844								891
Restaurant and Beverage Room Utensils	69	352	3066	119	47		177	5			3835
B. Coli	69		3066								3135
Germicidal Tests	5										5
TOTAL EXAMINATIONS FOR YEAR—BACTERIOLOGY	160256	51811	40780	26690	5722	19835	9003	11170	5400	521	331188
SYPHILIS:											
Primary Lesion—											
Fontana Stain		12									12
Dark Field	458	30	131	127		124	5				875
Blood Serum—											
Standard Kahn	108806	25043	23886	10183		16769	355		11785		196827
Presumptive Kahn	110479	24946	22312	10162		16704	384		11785		196772
Quantitative Kahn	6033	1423	1577	517		777					10327
Hinton		188	1500	1		589					2278
Kolmer Wassermann	6145	1927	2332	836		1753			1562		14555
Diagnostic Kline											
Spinal Fluid—											
Kolmer Wassermann	4834	1289	661	460		310			503	389	8446
Standard Kahn	3632	1111	583			255					5581
Colloidal Gold	4833	1422	685	446		229			503		8118
Colloidal Mastic		848		28		62			503		1441
Total Protein	4025	513				226			488		5252
Globulin		1390		478							1868
Chlorides		18							503		521
Cell Count		1389		521					503	42	2455
Pandy			684						411		1095
TOTAL EXAMINATIONS	249245	61549	54351	23759		37798	744		28546	431	456423
PATHOLOGY—Surgical	11970	2065			3261		822			923	19041
Autopsy	119	20					140			22	301
Blood Smears	56										56
TOTAL EXAMINATIONS	12145	2085			3261		962			945	19398
CHEMISTRY—											
Blood Sugar	16420	3415	793	541	910	1062	215	680		233	24269
N. P. N.	5523	1315			52	341		2		62	7295
Water	120	51	34					466			671
Coal	566										566
Miscellaneous	6126	776	4358	364		2451	1474	5171	255		20975
Liquors—Alcohol	1544										1544
Beers	246										246
Spirits	431										431
Wines	536										536
TOTAL EXAMINATIONS	31512	5557	5185	905	962	3854	1689	6319	255	295	56533
GRAND TOTAL FOR YEAR	453158	121002	100316	51354	9945	61487	12398	17489	34201	2192	863542

Table III shows in detail the work performed at the Central and each Branch Laboratory, as well as the total for the whole Division of Laboratories. It will be noted that the Division examined 863,542 specimens, 154,793 more than the previous year. Of the examinations performed at the Central Laboratory 56,760 were performed for the personnel of the Army and 48,860 for the personnel of the Air Force.

TABLE IV

ONTARIO DEPARTMENT OF HEALTH—DIVISION OF LABORATORIES
PERCENTAGE OF EXAMINATIONS PERFORMED FOR THE AIR FORCE, 1941

Nature of Examination	Total No. of Exams. done by Central Laboratory	Total No. of Exams. done for Air Force	Per Cent.
Bacteriology	160,256	22,189	4.7
Pathology	12,145	19	0.15
Serology	249,245	9,198	3.7
Chemistry	31,512	237	0.75
Total Exams. done by Central Laboratory	453,158	31,643	7.0
Total Exams. done by Branch Laboratories	410,384	10,217	2.5
Total Exams. done by Laboratory Division	863,542	41,860	4.8

Table IV shows the percentage of work performed for the R. C. A. F. in relation to the total volume performed by the Division of Laboratories.

TABLE V

ONTARIO DEPARTMENT OF HEALTH—DIVISION OF LABORATORIES
PERCENTAGE OF EXAMINATIONS PERFORMED FOR THE ARMY, 1941

Nature of Examination	Total No. of Exams. done by Central Laboratory	Total No. of Exams. done for Army	Per Cent.
Bacteriology	160,256	7,582	4.7
Pathology	12,145	329	2.7
Serology	249,245	22,017	8.8
Chemistry	31,512	2,485	7.8
Total Exams. done by Central Laboratory	453,158	32,413	7.2
Total Exams. done by Branch Laboratory	410,384	24,347	5.9
Total Exams. done by Laboratory Division	863,542	56,760	6.6

Table V shows the percentage of work performed for the personnel of the Army in relation to the total volume performed by the Division of Laboratories.

A brief summary, relative to the bacteriological diagnostic work performed at the Central Laboratory follows:

Bacteriology:

Diphtheria:—The past year showed a definite increase in the number of diphtheria isolations. The Central Laboratory staff examined 17,537 nose and throat cultures from one camp for the presence of C. diphtheriae. Virulence tests were done on 1850 of these, of which 814 were positive. Table VI outlines the cultural, microscopic and virulence tests conducted for the civilian population.

TABLE VI

DIPHTHERIA

Total No. Examined	Cultures		Virulence Tests	
	Positive	Negative	Positive	Negative
6078	216	5862	44	107

We are very grateful for the help given us by various members of the School of Hygiene at the time of the diphtheria outbreak. We also appreciate the help given us by the members of our Kingston Laboratory staff, namely Dr. E. P. Johns and Dr. E. C. Beck.

Tuberculosis:—There were 13,683 specimens received and examined microscopically for the presence of tubercle bacilli. The following table indicates the number examined and the number positive during each month.

TABLE VII

TUBERCULOSIS SMEARS

	Positive	Negative	Total
January	43	1222	1265
February	46	1017	1063
March	43	1210	1253
April	44	1318	1362
May	47	1230	1277
June	41	1033	1074
July	62	886	948
August	43	864	907
September	63	907	970
October	77	874	951
November	64	1325	1389
December	47	1177	1224
Year 1941	620	13063	13683

In Table VII of the 13,683 sputum specimens received 620 or 4.5 per cent. were positive.

TABLE VIII

T. B. CULTURE REPORT FROM DECEMBER 1st, 1940—OCTOBER 31st, 1941

Type of Specimen	No. of Specimens	Positives		Total Positives	Negative Cultures	% Positives
		4 Wks.	8 Wks.			
Sputa	7662	270	285	555	7107	7.25
Urines	740	44	18	62	678	8.36
Pleural Fluids	433	46	34	80	353	18.48
Right Kidney Urine	283	5	3	8	275	2.83
Left Kidney Urine	286	1	4	5	281	1.76
Joint Fluids	141	4	1	5	136	3.55
Glands	61	4	1	5	56	8.19
Spinal Fluids	85	6	2	8	77	9.42
Miscellaneous	167	7	4	11	156	6.59
Pus	107	16	5	21	86	19.62
	9965	403	357	760	9205	7.25

TABLE IX

GUINEA PIG INOCULATIONS JANUARY 1st, 1941—DECEMBER 31st,

Type of Specimen	Total No. Pigs	Guinea Pigs		Cultures Pos. Pig. Neg.	Cultures Neg. Pig. Pos.
		Negative	Positive		
Urines	163	114	49	4	6
Right Kidney Urine	34	27	7	2	....
Left Kidney Urine	37	31	6	....	1
Bone and Joint Fluids	81	75	6	....	....
Spinal Fluids	52	42	10	2	4
Pus	39	27	12	2	....
Glands	23	20	3	....	1
Miscellaneous	64	59	5	1	2
Pleural Fluids	.....	.....	.....	....	2
Gastric Contents	554	527	27	....	....
	1047	922	125	11	16

Table VIII outlines the cultural examinations performed during the period from December 1st, 1940, to October 31st, 1941. In this table, we note that of the 9965 specimens, 760 yielded a growth of tubercle bacilli. Of these 760 primary isolations positive results were obtained after 4 weeks incubation in 403 instances.

Pneumonia:—The number of specimens subjected to pneumococcus typing in 1941 shows a decrease of 606 from the year 1940. This decrease is undoubtedly due to the fact that chemotherapy has practically replaced serum therapy.

TABLE X

PNEUMOCOCCUS TYPING—TYPES ISOLATED FROM VARIOUS TYPES OF SPECIMEN, JANUARY 1st, TO DECEMBER 31st, 1941

Type	Sputum	Throat Swabs	Pleural Fluids	Mastoid Ear	Other Specimens	Totals
1	45	1	3	3	2	54
2	33	2	2	....	....	37
3	90	11	2	6	1	110
4	29	2	1	....	2	34
5	22	5	1	1	....	29
6	55	4	....	....	....	59
7	32	2	....	1	2	37
8	47	2	....	....	....	49
9	16	2	....	....	1	19
10	11	1	....	....	....	12
11	22	1	....	....	2	25
12	9	.....	1	....	....	10
13	36	1	....	....	....	37
14	8	2	1	1	....	12
15	5	1	....	....	....	6
16	24	5	....	....	....	29
17	16	3	....	....	....	19
18	39	1	....	....	....	40
19	22	4	....	....	....	26
20	14	1	....	....	....	15
21	9	1	....	....	....	10
22	14	.....	....	....	....	14
23	9	.....	....	....	....	9
24	21	1	....	....	....	22
25	8	.....	....	....	....	8
27	8	.....	....	....	....	8
28	4	.....	....	....	....	4
29	6	.....	....	....	....	6
31	6	.....	....	....	....	6
32	4	1	....	....	....	5
33	6	.....	....	....	....	6
Parmer	10	.....	....	....	....	10
Norlisch	16	.....	....	....	....	16
Ruskin	14	.....	....	....	....	14
Garber	7	1	....	....	....	8
Allin	3	.....	....	....	....	3
Reilly	7	1	....	....	....	8
Undetermined	32	1	....	....	2	35
Multiple	78	2	....	....	....	80
Negative	864	50	....	....	....	914
	1701	109	11	12	12	1845

Grand Total 1845

Table X outlines the number of examinations made, stating the nature and the source of material subjected to the pneumococcus typing procedures.

Fungus Organisms:

An increasing number of specimens are being submitted for the cultural examination for fungus organisms. These specimens include samples of sputum, skin and nail clippings, hair, etc.

TABLE XI

FUNGUS CULTURE—JANUARY 1st, 1941—NOVEMBER 1st, 1941

Organisms	Sputum	Toes and Feet	Hand and Fingers	Head and Hair	Skin	Ear	Vagina	Misc.
Monilia	43	2	2	1	1	....	3	1
Aspergillus	21	7	5	....	....	2	....	5
Trichophyton purpureum	....	1	....	....	....	....	....	....
Trichophyton gypseum	....	1	....	....	....	....	....	....
Trichophyton rosaceum	....	1	....	....	....	....	....	....
Epidermogphyton inguinale	....	1	....	....	....	....	....	....
Achorion	....	....	....	1	....	....	....	....
Negative	75	17	9	17	17	....	1	26

Table XI indicates the number of specimens received, the source of the specimen and the species of fungus organism isolated.

Spinal Fluids:—2,277 bacteriological examinations of spinal fluid were performed. Microscopic smears revealed tubercle bacilli present in 5 instances, whilst cultural examination yielded a growth of tubercle bacilli in 9 instances and animal innoculation in 7 instances. Organisms resembling meningococci were found present in 87 instances. Cultures yielded growth of meningococci in 39 instances, and of other organisms in 26.

Colon Typhoid:—2659 specimens of whole blood were received for agglutination tests. Table XII indicates 3944 fecal specimens received for cultural examination.

Table XII

FAECES CULTURES

Positives:	
S. typhi	93
S. paratyphi B	88
S. typhimurium	5
S. Morgani	55
Sh. paradysenteriae X	2
Sh. paradysenteriae W	6
Sh. paradysenteriae Sonne	14
Sh. paradysenteriae Newcastle	1
Total No. Positive	264
Total No. Negative	3,680
No. Examined	3,944

From this table, it will be noted that there were nearly as many positives for S. paratyphi B as for S. typhi.

As a routine procedure, all strains of S. typhi were subjected to typing procedure as evolved by Dr. Craigie.

TABLE XIII

STRAINS OF S. TYPHI ISOLATED AND TYPED, 1941.

Type	No.
Type A	17
Type C	16
Type E	61
Type F	15
Type G	0
Type J	13
Type L	0
Type M	0
Group Beta	5
Group Gamma	8
No. not typed	13
W. Form	16
No. Tested	164

Table XIII outlines the number of typings, tests performed and instances where each type was found. Typing results are forwarded to the Preventable Disease Division so that an accurate record may be maintained, also information regarding chronic carriers and active cases.

Bovine Brucelliasis:—1045 cows' bloods were received and subjected to agglutination test to determine the presence of agglutinins for Bovine Bruceliasis (Bang's infection). These samples were from animals, the milk from which was offered for sale in certain municipalities.

Blood Cultures:—From Table XIV it may be noted that 2,775 cultural examinations and 2659 agglutination tests were performed on specimens of blood.

TABLE XIV

BLOOD CULTURES AND AGGLUTINATION TESTS

Positive	Blood Culture	Agglutination
S. typhi	22	192
S. paratyphi B	10	82
S. paratyphi A	.....	0
Br. abortus	.....	78
Past. tularensis	.....	3
S. typhi and Sparatyphi A. & B., (Vaccine Reaction)	.....	263
Str. haemolyticus	14	.....
Str. viridans	21	.....
Staph. aureus haemolyticus	68	.....
Total positive	135	618
Negative	2,640	2,041
Total Number Examined	2,775	2,659

Haemolytic Streptococci:—80 strains of Haemolytic Streptococci were studied as to group classification according to the method described by Lancefield.

TABLE XV

STREPTOCOCCUS HAEMOLYTICUS
(LANCEFIELD GROUPING)

Source	Group						
	A	B	C	D	E	F	
Throat	37	6	....	....	....	3	....
Ear	3	....	....	....	....	....	....
Mastoid	1	....	....	....	....	....	....
Head Wound	2	....	....	....	....	....	....
Nose	2	....	....	....	....	....	....
Jaw wound	1	....	....	....	....	....	....
Sputum	1	....	....	....	....	....	....
Hand wound	2	....	....	....	....	....	....
Thigh	1	....	....	....	....	....	....
Liver	....	1	....	....	....	....	....
Kidney	....	1	....	....	....	....	....
Faeces	....	....	....	2	....	....	....
Milk	....	....	1	....	....	....	....
Vagina	3	1	....	....	1	1	....
Vaginal Pad	1	....	....	....	....	....	....
Placenta Remants	1	....	....	....	....	....	....
Source not stated	4	....	....	....	....	1	....
Group undetermined	....	....	....	....	....	....	3
Total—(80)	59	9	1	2	1	5	3

Table XV outlines the source of streptococcal strains and the serological group with which each is identified.

Syphilis:—249,245 examinations were made to determine the presence or absence of specific infection by serodiagnostic means. The routine procedure during the past year has been to subject all samples of blood received to both the Presumptive and Standard Kahn tests. In cases where the results of both these tests were negative, a report was sent forth. In instances where the results of both tests were positive, a Quantitative Kahn test was conducted. The Quantatitive Kahn test gives the degree of positivity, and the laboratory report is expressed in units. The unitage of any serum is obtained by multiplying the highest serum dilution, with which a positive reaction is obtained, by four. The Quantitative Kahn test performed on sera of patients who are undergoing treatment, assists the physicians in determining the effectiveness of the treatment. It also is of value at times in determining whether or not a reaction obtained by the Qualitative Kahn test method is of specific or viologic type. Most of the so-called biological reactions, when subjected to Quantitative test methods do not yield a unitage greater than four Kahn units.

In cases where the results of the Presumptive and Standard Kahn tests are not in agreement, a Kolmer Wassermann test is performed. Thus it may be seen that all sera which yield positive findings are tested by Presumptive, Standard and Quantitative Kahn test methods. In cases where the results of these tests are not in agreement, specimens are then studied by Kolmer Wassermann test method. A Kolmer Wassermann test is performed on each spinal fluid submitted.

Gonorrhoea:—14,528 slides were examined microscopically for the presence of gonococcal organisms. The Central Laboratory performed 574 complement fixation tests. This latter test has marked limitations, but is of value in determining whether or not arthritis may be due to gonococcal infection in cases where there is a previous history of infection.

Cultural examination for gonococci was performed in the Central Laboratory in 2738 instances. As a routine procedure in special treatment clinics, three cultural examinations are performed on each patient. The cultural examination for gonococci is a more sensitive laboratory test than the microscopic examination of smears, and is especially useful in special treatment clinics as a criterion of cure in determining the release of the patient. False negative results are, however, frequently obtained by cultural methods, if the specimens for cultural examination are collected during, or less than 10 days after, the administration of a chemotherapeutic agent.

Chemical Section:—The chemical section prepares certain chemical products for distribution, namely bismuth oxychloride, mercury salicylate, silver nitrate (one per cent. solution) for the prevention of Ophthalmia neonatorum, and distilled water which is distributed in 20 c.c. ampoules. Following is a list and the amounts of the preparations prepared by the Chemical Section of the Central Laboratory.

Bismuth Oxychloride	193,508 grains.
Mercury Salicylate	2,592 grains.
Silver Nitrate	1,166 ozs.

Psittacosis:—65 samples of sputum were received to determine the presence or absence of psittacosis virus. These samples were from 45 patients, 11 of whom were found to harbour the virus. Blood samples for complement fixation test on patients whose illness had been longer than two weeks were received. In 27 instances, where both a blood and a sputum sample were submitted, 12 blood samples were positive and 9 sputum specimens contained the virus. This fact, however, does not indicate that the complement fixation test is a more reliable index than is the examination of sputum. The sputum examination is the most reliable method for the diagnosis of psittacosis infection. In all cases where psittacosis infection is suspected, the sputum sample should be submitted early in the case. Little reliance should be placed on examination of one specimen only. At least three or four samples should be submitted. The virus of psittacosis is present in the sputum in active cases for a period up to and sometimes exceeding thirty days. The complement fixation test is relatively specific, providing the patient is not suffering from lymphogranuloma inguinale or syphilitic infection. The laboratory autopsied 184 birds collected from 12 aviaries, where the epidemiological evidence pointed to psittacoccis infection being present. The infection was identified in 11 of the 12 aviaries examined. Of the 184 birds tested, 88 or 47.8 per cent. were found positive. In all, 426 birds have been examined and subjected to animal innoculation tests.

A separate report of the pathological section of the Central Laboratory and a report from each Branch Laboratory follows:

In closing, I wish to thank my associates at the Central Laboratory and the various Directors of the Branch Laboratories who have co-operated so wholeheartedly. I also wish to thank the Deputy Minister and the Honourable the Minister for their very sympathetic support in obtaining additional help and space for the Laboratory.

PATHOLOGY

S. F. Penny, M.D., *Pathologist*

The section of Pathology of the Central Laboratory during 1941 has had a considerable increase in volume of work performed. Specimens examined in 1941 totalled 12,145, in contrast to the 1940 total of 10,860, making an increase of 10.9%. Pathological specimens examined for the Army and Air Force totalled 348.

Numerous staff changes took place during the year. Dr. H. Doris Howell left the section in August on leave to join the staff of the British Ministry of Health in the Transfusion Service. Dr. Norman D. Garand, who had joined the section in February, 1941, enlisted in November in the R. C. A. F. Two technicians left during the year; and six received short courses of training in the section, two being retained as replacements.

The charge for tissue examination was increased by the Department from $1.00 to $2.00 per tissue, on June 1st, 1941. This increase, it is hoped, will stimulate the growth of local approved laboratories throughout the province and aid in the decentralization of pathological service. This charge is applied to all tissues submitted, including tissues from indigent patients who are hospitalized in Ontario and to whose maintenance the Province contributes. No charge is made for examination of tissue removed from indigent patients when the operation is performed in doctor's office.

The technical methods of paraffin and frozen sections were continued with minor adjustments. Examination of blood smears was added to the service of the section.

We wish to again thank our consultants, Dr. James Miller, Dr. W. L. Robinson and Dr. E. A. Linell, for their valuable assistance in diagnosis.

The work of the section in 1941 is outlined in the tables below:—

REPORT 1941

Paraffin tissue sections	9,284
Frozen tissue sections	2,805
Blood smears	56
Total	12,145

AUTOPSIES 1941

Ontario Hospital	8
Division of Industrial Hygiene	14
Animal Tissues	17
From Hospitals and Physicians	80
Total	119

ANALYSIS OF PATHOLOGICAL SPECIMENS
1930-1941

Year	Number of Surgicals	Number of Autopsies	Total Specimens	Total Malignant	% Malignant of Total Specimens
1930	599	9	609	132	21.1
1931	2625	46	2671	422	15.8
1932	3083	50	3113	440	14.1
1933	3652	23	3675	392	10.7
1934	4683	33	4716	563	11.9
1935	5553	44	5597	579	10.3
1936	5919	48	5967	595	9.8
1937	6917	87	7004	589	8.4
1938	8512	146	8658	768	8.8
1939	8554	125	8679	637	7.3
1940	10738	122	10860	756	6.9
1941	11970	119	12145	661	5.4

FORT WILLIAM BRANCH LABORATORY

A. E. Allin, B.A., M.D., D.P.H., *Director.*

I have the honour to submit herewith the Annual Report of the Branch Laboratory, Fort William, for the year 1941.

Routine examinations numbered 51,354, an increase of 2,962 tests or 6.1 per cent. over 1940. Of these examinations 2491 or 4.8 per cent. were carried out for the branches of the armed service. 22,409 outfits, 2,796 Biologicals, and 1393 bottles of Insulin were distributed.

Three changes occurred on the staff during 1941. We regret losing Miss Evelyn Tuft, who had spent a year with us after working for the Central Laboratory for many years. Miss Kathleen O'Shea joined the staff as Clerk-stenographer and Miss Ellen Hirst as Laboratory Assistant.

Some 50 lectures were again given on Bacteriology and Immunity to the nurses of the three local hospitals. The graduating classes of McKellar Hospital, Fort William, and of St. Joseph's Hospital and the General Hospital, Port Arthur, availed themselves of the privilege of spending two mornings a week with us in connection with their Public Health studies.

No major outbreaks occurred during the year in the area served by the laboratory. Only one swab positive for Diphtheria was received. There were two small outbreaks of typhoid fever. A blood sample submitted from an Indian woman gave a positive agglutination test for P. tularensis. A faeces specimen contained a full-grown larva of the Latrine Fly (*Fannia scalaris Fabr.*). This is of particular interest since cases of intestinal myiasis occur so rarely in this country.

One paper was published by us: "Meningitis of the New Born Due to Pseudomonas aeruginosa" (C. M. A. J. 44, 288, 289, 1941). A second paper entitled "Cat-bite Wound Infection" will appear shortly. This is based on the isolation of a species of Pasteurella from two wounds due to cat-bites. The same organism was isolated from one of the cats. This condition has not hitherto been reported from this hemisphere, the original work on the subject having been carried out in Western Europe.

I wish to express my thanks to Dr. A. L. MacNabb for his co-operation and assistance during this past year.

RICHARDSON LABORATORY, QUEEN'S UNIVERSITY, KINGSTON

Professor James Miller, M.D., F.R.C.S., (Edin.), *Director.*

I beg to submit statistics of the work done in the Kingston Branch Laboratory during 1941. These include the examinations carried out in the Department of Preventive Medicine. As in previous years the routine examinations of the water supplies of Kingston Municipality, of the Penitentiary and of the Royal Military College, are done in this department under Dr. Wyllie. Dr. Wyllie also carried out the phosphatase tests. The co-operation between the two laboratories has been harmonious and satisfactory.

There have been the usual variations as regards the number of examinations done under the different headings, increase in certain departments and diminution in others. There has been a notable rise in the number of milk tests done and some increase in the water examinations. The number of sera

examined for agglutinins has risen slightly but the rise in faeces investigated culturally has been considerable. The tuberculosis and venereal work is now carried out entirely in the Department's laboratory on Barrie St. under Dr. Johns. Here also the co-operation between the two laboratories has been cordial. A list of the services rendered to the Army, Air Force, Navy and recruits is appended in a separate list.

May I, as in former years, express my gratitude to you, Sir, to the Honourable the Minister of Health and to Dr. MacNabb for your kindness and ready co-operation.

KINGSTON BRANCH LABORATORY,

E. P. Johns, M.D., *Director.*

It is my privilege to submit herewith a report of the routine laboratory examinations performed in this laboratory during the past year. This report of course, includes only a portion of the Public Health laboratory examinations performed in this district, namely, those pertaining to the laboratory diagnosis of venereal disease, tuberculosis and the examination of cerebrospinal fluids exclusive of bacteriological examination. All other diagnostic facilities are provided by the Richardson Laboratory.

The enclosed table gives the detailed number of the various tests performed, a total of 34,201. It will be noted that 9,589 tests were performed for the Medical Services of the Armed Forces stationed in this vicinity, approximately 28% of the total number of examinations.

During the year there have been several changes in the personnel of the routine laboratory staff, two of our members leaving to join the Armed Forces, and one other accepting a position with the National Research Council. The remainder of the staff are commended for the faithful service performed throughout the year. I wish also to express my sincere appreciation for the constant co-operation of the Director of Laboratories, Dr. A. L. MacNabb and the members of the Central Laboratory staff who have so kindly assisted in the solution of some of our problems.

INSTITUTE PUBLIC HEALTH, LONDON

A. J. Slack, Ph.C., M.D., D.P.H., *Director.*

I have the honour to submit herewith the annual report of laboratory examinations made during the year 1941 by the Branch Laboratory of the Department, located in the Institute of Public Health, London.

Laboratory examinations made during the year numbered 121,002 as compared with 112,093 examinations for the previous year. This represents an increase of 8,909 examinations or 7.95 per cent. over the total for 1940. During the year approximately 14,581 laboratory examinations were made for the Army, Navy and Air Force. Analysis of these figures shows a definite decrease in pneumococcus typing and in non-protein nitrogen determinations while moderate to marked increases are shown in practically every other type of laboratory examination. During the year 55,598 outfits were reclaimed and prepared for redistribution and 59,968 outfits were distributed as compared with 52,432 outfits reclaimed and 55,394 outfits distributed during 1940.

Biologicals distributed from this centre, exclusive of insulin, numbered 25,038 packages as compared with 15,852 packages distributed during 1940. Free insulin distributed included 6,572 packages or 2,393,600 units of ordinary insulin and 3,139 packages or 1,319,600 units of Protamine Zinc Insulin.

This brief summary indicates a gratifying increase in all branches of laboratory activity but cannot show the many other ways in which this laboratory has been able to provide valuable assistance to physicians and to the Armed Forces. This has all been accomplished with a smaller staff than previously, owing to the difficulty experienced in obtaining professional assistants.

Appreciation is due to every member of the Institute staff and to Dr. MacNabb and his staff for their hearty co-operation throughout the year.

NORTH BAY BRANCH LABORATORY

W. J. A. Percy, M.A., *Director.*

I have the honour of submitting a report of the examinations made at the Branch Laboratory in North Bay during the year nineteen hundred and forty-one.

During the past year a total of sixty-one thousand, three hundred and eighty-seven (61,387) examinations were made. This represents an increase of fourteen thousand four hundred (14,400) (30.7 per cent.) over the preceding year.

An examination of the figures shows a general increase in all types of specimens. While the increment in many instances was numerically small, the growth in the number of specimens of milk, water, blood for syphilis and blood for glucose determination, was quite large. The percentage increase of these specimens is worthy of note: milks 48%, waters 20%, bloods for syphilis 28% and bloods for glucose determination 14%.

In November, the director, Mr. A. D. McClure, obtained leave of absence to serve his country as a Pilot Officer in the Royal Canadian Air Force. One month later, Mr. Wm. Sullivan left to take another position. This, and the increased amount of work, left a burden on the remaining members of the staff. I wish at this time to express my appreciation for the excellent co-operation that they have given me and for the efficient manner in which they have carried out their respective duties.

The success of the North Bay Laboratory during the year nineteen hundred and forty-one, has been due in no small measure to the interest and valuable assistance of the Director of Laboratories, Dr. A. L. MacNabb. To him, I wish to express my gratitude; and to the members of the staff at the Central Laboratory, who have so kindly assisted us in the examination of some specimens and in the identification of certain cultures, my sincere appreciation.

OTTAWA BRANCH LABORATORY

F. L. Letts, M.B., D.P.H., *Director.*

I have the honour to submit herewith a summary of the work of this Branch Laboratory during the year 1941.

The number of specimens continues to increase; there being 15,200 more for 1941 than for 1940.

We have not lost any members of our Staff to the Active Canadian Army; some are on the Reserve Force.

PETERBOROUGH BRANCH LABORATORY

C. B. Waite, M.D., *Director.*

I have the honour to submit my report for the Branch Laboratory, Peterborough, for the year 1941, as follows:—

A small epidemic of diphtheria during the summer was perhaps the most notable feature of the work during the year. A few cases of meningococcal meningitis occurred sporadically, but no epidemic.

The presence of a Military Training Centre on the outskirts of the City has meant an increase in the amount of work.

During the year, a start was made in the performing of the Khan test and I am indebted to the Central Laboratory for the training of the technician for the performance of this work.

The work still continues to increase, having increased approximately thirty-five per cent. during the past year. This throws a heavy strain on the Director, whose services are supposed to be part-time.

I wish to thank the Director for his co-operation and assistance throughout the year.

SAULT STE. MARIE BRANCH LABORATORY

N. F. W. Graham, B.A., M.B., *Director.*

I have the honour to submit herewith a report of the examinations performed in this laboratory during 1941. It will be noted that the work done was greater than in 1940.

More water samples from passenger and freight boats have been examined, due to the increase of shipping through this port.

The increasing use of drugs of the sulphanilamide group in the treatment of gonorrhoea has resulted in a diminution of the number of smear examinations per case but has increased the number of gonococcus cultures.

In addition to the routine work of the laboratory a considerable number of urinalyses have been performed for the Army.

SEVENTY-FOURTH ANNUAL REPORT

OF THE

HOSPITALS DIVISION
DEPARTMENT OF HEALTH

UPON THE

Ontario Hospitals for the Mentally Ill, Mentally Defective, Epileptic and Habituate Patients

OF THE

PROVINCE OF ONTARIO

FOR THE YEAR ENDING MARCH 31st, 1941

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO

ONTARIO

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1942

TO THE HONOURABLE ALBERT MATTHEWS,

Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present the Seventy-fourth Annual Report of the Hospitals Division, Department of Health, upon the Ontario Hospitals for the Mentally Ill, Mentally Defective, Epileptic and Habituate Patients of the Province of Ontario, for the year ending March 31st, 1941.

Respectfully submitted,

Harold J. Kirby

Minister.

THE HONOURABLE H. J. KIRBY, K.C.,
Minister, Department of Health,
Parliament Buildings,
Toronto, Ontario.

Dear Sir:—

I have the honour to present herewith the Seventy-fourth Annual Report of the Hospitals Division on the Ontario Hospitals for the Mentally Ill, Mentally Defective, Epileptic, and Habituate Patients of the Province of Ontario for the year ending March 31st, 1941.

In doing so I desire to invite your attention to the lowered admission rate during the past year; in fact, the trend has been downwards since 1939. While this may not be entirely due to the war, a similar reduction in the 1914-18 period leads one to believe that it may be.

In spite of the lowered admission rate, the accumulation of patients in most of our hospitals continues. This is due, in a large measure, to the increasing percentage of the older age groups among admissions. These persons suffer from degenerative mental disorders, and the number of recoveries decreases proportionately; this in spite of the fact that the recovery rate of the younger age group has never been higher in the history of these hospitals.

Respectfully submitted.

B. T. McGHIE, M.D.
Deputy Minister.

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ONTARIO HOSPITAL, BROCKVILLE

DR. C. S. TENNANT, Superintendent.

CARE AND TREATMENT OF PATIENTS:

Our statistical report for the fiscal year recently closed reveals unfortunately a noticeable increase in the number of patients in residence, but it is satisfactory to record a noticeable decrease in the daily average population in residence and in the daily average population on the books. The increased population in residence occurred in spite of a lowered admission rate for the year and cannot be explained entirely satisfactorily. There are, in my opinion, certain definite factors contributing and they include: — (1) increased overcrowding; (2) great changes and frequently marked shortage of staff owing to enlistments in the fighting forces. The medical staff for nine months of the year was less by a third than our regular medical staff; (3) intensive efforts made during the past several years to place in Houses of Providence, Houses of Refuge and in Approved Homes all patients who were considered at all well enough to be cared for outside a mental hospital, and who could not be placed with their own relatives. Gradually the point has been reached where extremely few patients, except those more recently admitted, can be so placed and we all know that few patients are released from hospital by these methods except those who have been in hospital for a year or longer.

During the last year we have had to cease operation of an Insulin Treatment Unit because we were finally left without a properly trained physician to carry on.

STAFF, ADMINISTRATION AND BUILDINGS:

Doctors H. C. Moorhouse and McLean Houze were granted leave-of-absence to join the medical services of the R.C.A.F.; Dr. G. C. Ferrier was transferred for temporary duty to the Ontario Hospital at Fort William for a short period prior to reporting at the Psychiatric Hospital, Toronto; Dr. Florence Nichols left to take one year's special course at the Psychiatric Hospital, Toronto; Dr. Elizabeth C. Coope from Blackpool, England joined our staff in August, 1940; Dr. W.T. Joynt, D.D.S. was transferred to the Ontario Hospital, New Toronto and was succeeded by Dr. D. R. Parkes.

In spite of staff shortages, numerous addresses have been given by the Superintendent and other members of the Medical Staff and Mental Health Clinic to Service Clubs and other groups.

No new building program was approved or acted upon during the past year but the two solaria on the male and female admission wards were practically reconstructed, with entirely new roofs. This adds greatly to the comfort of patients.

An Aga Cooker installed in the Elmgrove kitchen and changes made in the existing facilities there have improved greatly the quality of the meals and the food service generally. Two Electrically-heated food trucks for use in staff dining-rooms are much appreciated.

Considerable work has been completed throughout the hospital in connection with the electric power service which has resulted in greatly improved lighting with the increased current made available.

Electric clocks, purchased from Canteen profits, were installed on all wards.

We are glad to report that in four patients' dining rooms where the hardwood floors were in exceedingly bad state of repair, replacement has been made with most satisfactory results for everyone. Also in two cottages, sculleries have been greatly improved with the installation of double-compartment sinks.

ONTARIO HOSPITAL, COBOURG

DR. G. C. KIDD, Superintendent

CARE AND TREATMENT OF PATIENTS:

During the year 57 patients were admitted, 149 were placed on probation, of these 62 were returned to the Hospital. 17 died and 61 were discharged. 20 were placed in Lorimer Lodge and Oxley House and 5 of these were returned.

Religious Services were conducted by the Protestant and Roman Catholic Clergy in the Auditorium every Sunday morning throughout the year and a number of our girls attended Services in the down town Churches.

We were successful in building an open air rink this year and many of our girls enjoyed skating in the afternoons and evenings.

Other recreations provided for our patients — walking parties, games, basketball, badminton, alley bowling, physical drill.

Our Softball Team had another successful season, and we are again indebted to Mr. Edward Campbell for coaching the girls and arranging games with teams in this District.

Playground equipment, namely two teeters and 2 swings, were set up in the Hospital grounds and some of the patients get a great deal of enjoyment from them.

More books were added to our library and many magazines and newspapers were distributed on the Wards. The Library is open for the exchange of books three afternoons each week and at this time one of the girls assists with this work.

STAFF, ADMINISTRATION AND BUILDINGS:

Miss D. Froats, our Dietitian, resigned to be married and Miss M. Gardner was transferred from the Ontario Hospital, Hamilton, to fill this vacancy.

Mr. W. Simmons resigned to accept a position in Western Ontario, and Mr. Wm. Train and Mr. John Simmons were appointed to our Engineering Staff.

The Annual Meeting of District No. 6, R.N.A.O., was held at this Hospital on March 19th.

Every member of our Staff received instruction in Civilian Defence, A.R.P. work. Our Nurses received a course in First Aid and Emergency Nursing and were given certificates. The remainder of the Staff are at present taking a course in St. John First Aid to the Injured.

The work about the Hospital for the past year has been almost entirely confined to maintenance, consisting chiefly of upkeep of the Boiler Room, repairs to pumps and pipe lines, laundry maintenance and repairs to furniture. No new electric work was undertaken and only repairs to electric irons, toasters, switches, etc., carried out.

The telephone cables were repaired twice during the year. A new rear arch was installed in No. 3 Boiler, most of the material used being on hand.

A combination linen and shoe cupboard was built for Ward 4. New shelves for Ward 2 linen room. Six new ironing boards were made for the laundry. One dozen snow shovels were made.

Part of the wall structure of the shower bathrooms on Wards, 3, 4, 5 & 6 was found to be in poor condition due to dampness. The Public Works arranged for the necessary repairs.

ONTARIO HOSPITAL, FORT WILLIAM

DR. J. N. SENN, Superintendent

CARE AND TREATMENT OF PATIENTS:

During the year we have endeavoured to supervise patients on probation from this hospital and also a certain number referred to us from other Ontario Hospitals. This supervision is frequently very difficult in view of the transient habits of many of our patients who havve no set abode.

An insulin and metrazol clinic was opened at this hospital and results were satisfactory during the latter part of the year.

STAFF, ADMINISTRATION AND BUILDINGS:

Dr. G.C. Ferrier joined our staff in May, 1940 and was transferred September 1st to Toronto Psychiatric Hospital to receive advanced instruction. He was replaced by Dr. George D. Scott on September 1st. 1940. Dr. Scott was transferred to Ontario Hospital Hamilton on January 1st, 1941, and returned here March 1st. 1941, to assume charge of the insulin and metrazol clinic. He was accompanied by a specially trained nurse from New Toronto. During the year, our chief attendant, J. R. Martindale, enlisted for active service with the R.C.A.F. Our steward, Mr. H. U. Western, received an appointment as captain in the Second Lake Superior Regiment and is at present on active service. Mr. Martindale was replaced by Andrew Currie and the steward's work is being cared for by Miss Ruth Black. An additional clerk-stenographer was appointed in the person of Miss Elizabeth Wilson. In this way, our office is functioning satisfactorily.

All newly appointed members of staff, including outside staff have been given instruction in care of hospital patients. All members of staff, including farm and mechanics staff care for patients and we feel that in this way the whole staff are kept more aware of the hospital aims and of the part that they are called upon to lay in assisting towards recovery of patients. We have, at this hospital, adequate facilities for occupational employment of patients with the various maintenance procedures and also about the farm and gardens. During the last year our admission of elderly and infirm pat ents has markedly increased and patients who are physically capable of employment all have adequate facilities for accupational adjustment.

The introduction of the insulin and metrazol clinic was a noval experience. The intensive training of staff and therapy provided, have been stimulating and instructive.

Courses of instruction to the under-graduate nurses at the three local hospitals have been continued and addresses have also been given to various St. John Ambulance Brigades regard ng psychiatric problems and A.R.P.

At various times during the year, the district has been without a full time medical officer to care for preventable diseases in the unorganized districts. Th s work has been taken over by the medical staff of this hospital and they appreciate the opportunity of co-operating with the Division of Preventable Diseases.

During the past year we have constructed with hospital labour a building to accommodate the poultry annex to the farm. Previously, the poultry had been unsatisfactory owing to lack of adequate accommodation, particularly during winter months. We have purchased a foundation stock for a herd to care for our own demands.

With our program of beef production we were able, during this year to fatten, slaughter and ship to Eastern Hospitals 90 carcasses of beef in addition to 80 breeding ewes which were shipped to the Ontario Hospital, Langstaff, as a foundation herd. This policy is being carried on at this hospital.

ONTARIO HOSPITAL, HAMILTON

DR. J. S. STEWART, Superintendent

CARE AND TREATMENT OF PATIENTS:

Metrazol treatment continues to be used with gratifying results. Eighty-three patients were treated, during the year. Of these, twenty-four were recovered, twenty-four were much improved, fifteen were improved and twenty showed negative results.

The number of boarding-out patients remains at about the same level as other years.

The occupational therapy work has been extended to provide evening classes, of a recreational nature, on the female wards.

STAFF, ADMINISTRATION AND BUILDINGS:

As in previous years, a great many changes have occurred in the general staff. Twenty-seven members of the staff are now enlisted, including five medical officers, and Dr. McLaren, our dentist. Our present staff is still inadequate to properly care for the patients in hospital. During the past year, Dr. Brillinger, Director of the Mental Health Clinic, enlisted in the Air Force and has been replaced by Dr. K.M. Barrington, of England. Dr. Barrington, who in addition to carrying on a practice with her husband in England, has taken her degree in psychology, prior to taking her medical degree and has always kept up her connection with Child Welfare Clinics in the Old Country, and has assumed the duties of Clinical Director here, with a minimum disturbance of the Clinic routine. Dr. K. C. Forsyth, who joined the staff in July, 1940, was in ill-health, which necessitated periodical trips to New York for treatment, and Dr. Forsyth found it necessary to resign in April, 1941. Dr. C.A. Cleland succeeded Dr. Kreiner, as Senior Assistant Physician but in February, 1941, Dr. Cleland was transferred to the Ontario Hospital, New Toronto, as Senior Assistant Physician, and was succeeded here by Dr. J. R. Howitt. Dr. Anna Martins was transferred to this hospital in September of 1940 and has been a valuable addition to our staff. Dr. Betty Aiken, who was formerly in the Service, was reappointed, temporarily, to the staff of this hospital in February, 1941. We now have a total of five medical officers, other than the Superintendent. There have been so many changes, during the year, that the ward service has, of necessity, been interrupted and has suffered accordingly and the teaching of the Nurses' Training School has also been interrupted to the detriment of the nurses.

The effects of the war are showing itself in the attendant staff. The younger and more active men, who have enlisted, have been replaced by older men, many of whom have been unemployed for a long period and are unable to adapt themselves to the work. In some instances, it is quite easy to understand why these men have had several years of unemployment.

In August, 1940, we suffered a disastrous fire and the large barn, on the main farm, was burned to the ground and the contents of the grainery and mows were a complete loss. Fortunately no stock was lost, during this fire. It occurred during the day time, when the herd and most of the horses were out and the staff available at the barn, at the time, were able to remove the young calves and horses remaining in the stable, so that no animals were lost. I cannot praise too highly the efforts of the attendant staff and farm hands, who were available at the beginning of the fire and who rescued the live stock. The milk herd is now housed at the Hickory Farm barn and part of the young cattle are maintained on the farm at Brampton. A very fine herd had been built up and its disruption is greatly to be regretted. As previously reported it was found that this fire was incendiary in origin, having been set by a patient.

In conclusion, I should like to express my appreciation to the staff, in general, for their loyalty to the interests of the instruction, during the past year.

ONTARIO HOSPITAL, KINGSTON

DR. E. A. CLARK, Superintendent

CARE AND TREATMENT OF PATIENTS:

As in the preceding year, and excluding transfers, there has again been a slight decrease in the number of admissions and the resident population is also less. The comparative certainty of securing employment immediately on discharge has undoubtedly been a factor in reducing the male population of the hospital.

No new major theraupetic programme has been instituted during the year. Metrazol Treatment has been continued and the anti-tuberculosis and immunization measures have been carried on. Increasing use is being made of the available clinical material for teaching purposes, and this has a two-fold advantage, — it gives the patient the benefit of frequent consultant advice, and it is stimulating to the resident medical and nursing staff.

STAFF, ADMINISTRATION AND BUILDINGS:

An additional twenty employees enlisted during the year, bringing to forty the total enlistments since the out-break of war. This number includes several fairly senior staff members, but by making the necessary readjustments no serious difficulty has resulted and all the services of the hospital have continued without interruption. Included in the enlistments were Doctors S. G. Chalk and G. W. Telfer, and Nurse Supervisors Helen Bostock, Harriette Smith and Winnifred Ferguson.

Dr. A. M. Doyle rejoined the staff after a year's absence in Boston, Mass., under the auspices of the Rockefeller Foundation.

Dr. A. Bochner was transferred to the Office of the Health Department, in Toronto.

Mr. Herbert Flowers, a supervisor for many years, was superannuated.

Beyond regular repairs and minor alterations, the most extensive work done by the hospital staff during the year was a fairly complete rnovation of North Cottage, the oldest building on the hospital grounds. This has been made into a very attractive cottage, and will be used largely as a centre for convalescent female patients.

ONTARIO HOSPITAL, LANGSTAFF

DR. T. D. CUMBERLAND, Acting Superintendent

CARE AND TREATMENT OF PATIENTS:

During this fiscal year fifty-nine patients were admitted by transfer from other hospitals, six were discharged, fifty-one were transferred to other hospitals and there were four deaths. Our daily average population was 337.8.

Our patients, of necessity, are all workers as we have no means of giving special treatments, and no nursing staff. Our average outside work parties for the year were 218 men or about sixty-five per cent of our population and on several occasions when emergency operations on the farm demanded it 313 men were out working.

The general health of our patients was exceptionally good, due no doubt to the fact that we have four large airy wards, keep our men outside as much as possible and their food such as milk, eggs, meat and vegetables are grown on our own farm.

Recreation for our patient population consists of occasional concerts, moving pictures twenty-six weeks during the year, games both outside and in the wards and reading material, consisting of books and periodicals.

STAFF, ADMINISTRATION AND BUILDINGS:

Beginning this fiscal year Dr. A. J. MacIntyre was Acting Superintendent but was transferred to the Ontario Hospital, Whitby on June 11th, 1940. During the next two months administration was carried on by Dr. W. H. Cruickshank and Dr. C. H. Lewis and following this Dr. T. D. Cumberland, Superintendent, Ontario Hospital, New Toronto was appointed Acting Superintendent of the Ontario Hospital, Langstaff. Dr. A. D. Campbell became resident physician on August 31st, 1940, being transferred here from the Ontario Hospital, New Toronto. Dr. E. J. Hambly acted as part time Dentist, spending two afternoons here each week at our hospital.

Many changes have taken place in our staff during this year. There have been twelve enlistments, twelve staff members left the service and eleven have been transferred. Thirty-eight new staff members reported to duty and farm staff was increased from nine to fourteen. Our attendant staff was increased from thirty-one to thirty-four. Thanks must here be paid to all staff for their loyal co-operation in all our farm operations, general routine of wards and all other activities.

Our farm operations include Langstaff Farm of 800 acres, Concord Farm of 200 acres and Brampton Farm of 300 acress.

(1) On the Langstaff Farm, crops and garden consisted of the following; 171 acres of spring grain, 22 acres fall wheat, 21 acres soy beans, 23 acres roots, 235 acres hay and pastural lands, 35 acres corn, 88 acres potatoes and 79 acres garden.

Due to this season being very wet the hay crop was good, grain fairly good but late in threshing, potatoes very poor due to late seeding and rot, garden crop very good but hard to take care of in storage due to the wet season.

As at March 31st, 1941 we had the following livestock; cattle 96 head of which 62 were milking cows, 22 work horses, 307 hogs and 326 laying hens.

During this fiscal year we built the following new buildings, slaughter house $750.00, double bull pen $350.00, vegetable root cellar in our garden $1250.00, brooder house for chickens $100.00, seven colony houses for hogs $175.00 and garbage cooking room for hogs $500.00. The following building repairs were made; hen house $100.00 and alterations in dairy barn for cow stalls $250.00.

(2) On the Concord Farm we had 54 acres in oats and barley, 27 acres fall wheat, 78 acres hay and pasture, 10 acres roots and six acres corn. Weather and crop conditions were of course about the same as at Langstaff and as at March 31, 1941 we had the following stock; 24 breeding heifers, 4 work horses, 178 breeding ewes and lambs and 274 laying hens.

Building repairs consisted of alterations to stables $50.00, alterations to shed for hen pens $25.00 and alterations to shed for sheep pens $100.00.

(3) On the Brampton Farm we had the following crops; 115 acres of oats and mixed grain, 35 acres fall wheat, 90 acres hay and pasture, 9 acres corn and 5 acres roots. The livestock as at March 31st, 1941 were breeding heifers and four work horses.

The building repairs on this farm consisted of alterations to windows, doors and floors in the south barn $125.00 and a new granary in the south barn $150.00.

In conclusion, considering the fact that the Concord Farm is four miles from Langstaff and the Brampton Farm about twenty-four miles, I feel that great credit should be given to our Farmer with his farm staff and the co-operation of our attendant staff who with our work parties have to be transported to and from our hospital at Langstaff to these other two farms to carry on these farm operations successfully.

ONTARIO HOSPITAL, LONDON

DR. G. H. STEVENSON, Superintendent

CARE AND TREATMENT OF PATIENTS:

During the year ending March 31, 1941, there were admitted 391 patients and there were 259 patients discharged, the discharge rate based on admissions, therefore, being 66 per cent. Although this discharge rate is much lower than the preceding year, it should be noted that the discharge rate of 80 per cent. the preceding year was due to a number of special factors incident to the war and the opening and closing of the Ontario Hospital at St. Thomas.

A point of more definite interest, however, is the reduction in the number of patients admitted as compared with the previous year, a total of 391 against 459. Discharges also fell disproportionately from 370 to 259 so that even with the admission of a smaller number of patients our population increased from 1579 at March 31, 1940 to 1625 at March 31, 1941. The statistical tables show these matters in detail.

In spite of the added difficulties caused by the war, we have endeavoured to maintain and improve our treatment standards and facilities. Dozens of letters of appreciation from grateful patients and their relations have been received, testifying to the kindly and efficient care given by all members of the staff for the welfare of the mentally ill who have come under our care. I should like here to express my appreciation to the fine spirit of the staff for their loyal co-operation.

The general care of male patients has been improved during the year by the introduction of registered women nurses on all male wards. For several years the male admission ward and an infirmary male ward in the North Building have been in charge of women nurses with very satisfactory results. Although the male supervisors continue in charge of all other wards, a graduate registered nurse and assisted by a student nurse, is responsible for all medications and treatments and nursing procedures in the male wards of the Main Building and similar arrangements on a part time basis have been arranged for all other male wards, both day and night.

Our teaching of medical students has been improved this year by the experiment, approved by the Honorable the Minister, of having all final year students come to the hospital, two at a time, for a week of intensive training. During this week they attend all conferences, make case studies and have practical experience in all hospital clinics. The students have greatly appreciated this opportunity and it is hoped to continue it as a regular part of the training of the final year students.

STAFF, ADMINISTRATION AND BUILDING:

Dr. G. E. Hobbs was granted leave of absence September 1, 1940 from his duties as Director of the Mental Health Clinic to accept a fellowship from the Rockefeller Foundation. Dr. H. B. Carscallen returned from the post-graduate course at the Toronto Psychiatric Hospital on July 8, 1940 and is relieving Dr. Hobbs as clinic director. Dr. Hilda Lewis, who had come from England to Canada with her children, was appointed as graduate interne on August 22, 1940. Dr. M. G. Whillans was appointed on August 10, 1940 as assistant physician. Miss Lorna Horwood, superintendent of nurses, resigned September 8, 1940 to accept a similar position at the McKellar General Hospital, Fort William. Miss Florence Thomas was transferred from the staff of the Ontario Hospital, New Toronto, to succeed Miss Horwood on September 21, 1940.

The war has taken 58 of our men into the armed forces, their names appearing on an honor roll in the main lobby of the hospital. We are proud of this loyal response to their country's need and we are also happy to record that there have been no serious casualties among them.

At the request of the Deputy Minister, our staff have been taking training in Civilian Defence. All members of staff have taken the Basic Course and as the year ends all nurses and attendants are taking the St. John Ambulance Brigade Course in First Aid which will be completed about the middle of April. We are indebted to the local St. John Ambulance Association for generous assistance in the practical work of this course.

Dr. Penrose and Dr. Whillans have been assisting materially in war research projects, particularly in the matter of psychological tests and aviation medicine.

Many of our patients, in the hospital and in approved homes, have been sewing for the Red Cross.

Another effect of the war on the hospital has been the erection on hospital land, loaned to the Dominion Government, of a Mechanization Depot for the assembly and storage of military vehicles. Some 20 acres of the east garden and the 20 acre field south and west of the main building were used for this purpose. These areas face each other across Highbury Avenue and lie along the C.P.R.

Hospital property was further depleted during the year by a fire on the night of August 20th, 1940, which destroyed a large section of the Dairy Barn. No stock was lost but the Department decided to sell the Dairy Herd by auction, the sale being held on October 11th, 1940.

The only other changes in the buildings have been the conversion of the former staff dining room scullery into toilets for office staff; the installation of toilet facilities in one of the dressing rooms of the auditorium and the installation of showers in Annex 1. The water tank was also repainted. New pasteurizing equipment was installed and main kitchen refrigeration units altered. Bathrooms in Examination Building wards 3 and 4 were re-modelled.

ONTARIO HOSPITAL, NEW TORONTO

DR. T. D. CUMBERLAND, Superintendent

CARE AND TREATMENT OF PATIENTS:

This has been very satisfactory during the past year. A very large percentage of our patient population is bed-ridden, due to the number of bed-ridden cases transferred from Queen Street to Concord and finally to this hospital. Also due to the transfer of patients to other hospitals of middle age and younger who are able to be employed around the hospital, leaving a residue of patients at this hospital who have become incapacitated through old age and mental deterioration. More continuous baths are required for hydrotherapeutic treatment. We have practically eliminated the administering of sedatives at night to keep the patients quiet. All the active patients are given biscuits at night between 7 and 8 o'clock and this has had a marvellous effect upon the patients being quiet at night. It has proven that a lot of the restlessness and noise is due to patients being hungry. Insulin and metrazol treatment is giving satisfactory results.

STAFF, ADMINISTRATION AND BUILDINGS:

There have been a great many changes in the staff due to enlistment in His Majesty's Forces and resignations to enter in war industry. This has necessitated the employment of men over military age. We have also difficulty in securing sufficient graduate nurses. This is also due to enlistments and resignations to go into private nursing or other work.

The ordinary routine repairs have been kept up. There have been no new buildings or extensive alterations.

ONTARIO HOSPITAL, ORILLIA

DR. S. J. W. HORNE, Superintendent

CARE AND TREATMENT OF PATIENTS:

Considerable re-arrangements and re-organization was necessary to provide for the ever increasing demands for accommodation. The patient population increased from 1963 per day to 1983. There were 200 admissions and 149 discharges. To provide for this increased accommodation, it was necessary for us to use day rooms for dormitory accommodation.

Owing to the fact that the larger percent of our admissions were of the idiot and low grade imbecile class, there has been a natural falling-off in the number of patients probated and discharged.

Consideration was given to a boarding-out plan for defectives.

ONTARIO HOSPITAL, PENETANGUISHENE

DR. C. A. McCLENAHAN, Superintendent.

CARE AND TREATMENT OF PATIENTS:

There has been little change in population with 44 admissions — 37 discharges — 19 deaths.

The tuberculosis policy has greatly reduced the prevalence of this disease among patients so that the male isolation ward has been closed, and there are only eight suspect female cases, and the whole number of tubercular cases was reduced from sixty-five to eight in two years.

The Clinics held by the Dentist and Physicians for Venereal Disease have functioned throughout the year.

STAFF, ADMINISTRATION AND BUILDING:

Six enlistments have occurred in the Staff during the year. Assistant Physician, Dr. Joseph Scheinert, reported to Camp Borden in August for military duty. Chief Engineer, James Howell, joined the R.A.F. and his position was temporarily filled by Mr. Andrew Clark. Dr. M.O.L. Barrie was appointed Medical Interne on November 1, 1940.

Home Guard Training was carried on among male employees in the Fall with our returned men acting as instructors.

An A.R.P. course is at present being given to whole staff.

The Staff have donated frequently and generously in past year to various war programmes.

Weekly sewing meetings are held in aid of the Red Cross by members of employees' families.

Salvage campaign with regard to metals, rags, papers, etc. is in operation.

Medical staff has been short so that little new scientific work has been undertaken.

The Superintendent was granted the opportunity of attending the annual American Psychiatric meeting held in Cincinnatti.

A new x-ray room combined with laboratory was made in one of the basement store rooms, and is much more satisfactory than the old one, and also gives proper facilities for laboratory work.

In the laundry a new washer was installed, and the large extractor was reset.

The auxiliary fire pump was overhauled.

Painting of the outside metal work at the New Building was continued.

On the farm two small new chicken houses were built.

A cooling tank was constructed in the dairy room at the barn.

2500 trees were planted in the waste places along the front.

It was impossible to get any new land broken this year.

The herd has been placed on the R.O.P. Seven cases of Mastitis are being slaughtered.

The poultry flock has been quite a success, and are supplying all the egg requirements as well as fowl for Christmas. In addition $1,200 worth of Christmas fowl was sold to the Toronto Hospital..

Pork to the value of $979.25 was sold to Guelph after Hospital needs were filled.

The rainy season was good for all vegetables, but the potatoes were badly blighted so that only early ones are being planted this year.

ONTARIO HOSPITAL, TORONTO

DR. S. R. MONTGOMERY, Superintendent

CARE AND TREATMENT OF PATIENTS:

The Artificial Fever Therapy Unit, under the direction of Dr. W. H. Avery, Dr. A.J. Bromley and Dr. M.G. Rendall, is functioning smoothly and many very satisfactory results are being obtained.

The Metrazol Clinic is still functioning with some rather remarkable results.

Many of the patients are employed about the hospital in such departments as the wards, kitchen, dining rooms, laundry, shoe repair shop, carpenter shop, paint shop and garden. These activities are ordered by the physicians as a therapeutic measure.

STAFF, ADMINISTRATION AND BUILDINGS:

On February 6th, 1941, Dr. J.R. Howitt was transferred to the Ontario Hospital, Hamilton, and Dr. S. R. Montgomery took over the duties of Superintendent on February 10th, 1941.

On September 1st, 1940, Dr. Anna Martins was transferred to the Ontario Hospital, Hamilton, and Dr. K. W. Walter's reported for duty at this hospital.

Dr. Ida M. Brill was appointed to the staff on August 6th, 1940.

Dr. Thomas O. Byrnes was appointed to the staff on September 1st, 1940

During the past few months, lectures and demonstrations have been completed in the basic A.R.P. Course and at the present time First Aid and St. Johns Ambulance Courses are underway.

The special laboratory for the study of Psittacosis has been completed and is now in use. In this connection, some changes have been made in the Animal House, some of the work being done by the Public Works Department and some by our own mechanical staff. The laboratory is apparently proving satisfactory to those employed there.

The new dental laboratory has also been completed and the old laboratory in the Main Building has been closed. This new laboratory is also considered to be very satisfactory.

ONTARIO HOSPITAL, WHITBY

DR. D. R. FLETCHER, Superintendent.

CARE AND TREATMENT OF PATIENTS:

During the year there have been no innovations in the care and treatment of patients. We have continued with our metrazol therapy and, in some cases, with gratifying results. After careful study, we are of the opinion that no patient could be said to be worse from having had this treatment.

We regard our follow-up work with our Boarding Out Group and with our Probational Group as very important and Dr. James D. Grieve and his staff have been indefatigable in keeping in touch with these patients and trying to help them during their convalescent period. Our Boarding Out Group has been particularly active, although we have not increased the number who are so treated, partly due to the fact that owing to the situation brought about by defence activities, boarding homes in the vicinity of a suitable type are more difficult to obtain.

Our Nurses' Training School has been functioning well, and also our training school for attendants which was well attended during the past winter season. All members of the staff had the basic course in A.R.P.

STAFF, ADMINISTRATION AND BUILDINGS:

The following members of the attendant staff enlisted during the year for Active Service. Messrs. Cecil Alloway, Samuel Collington, Stewart Cowan, James M. Crawforth, Robert Finlay, John Hancock, David Haire, Leonard Hoad, John C. M. Kirk, Frank Lawrence, Oscar Moore, David Rooke, George Ross and Clarence Sleep.

Four members of our Domestic staff enlisted; Messrs. Lyle Atkinson, Francis Hayes, E. J. Jackson and Alfred Luke; as well as Doctor T. A. Sweet and Doctor G. C. Caughey, Miss Jessie M. Matheson and James Grunerud of the Medical Staff; and Leonard Hudgin of the Engineering Staff.

Doctor Margaret H. Miller, Doctor Carson, Doctor Steer, and Doctor McIntyre were added to our staff during the year.

Doctor Goddard left to take his Post Graduate Course. Doctor Viola Vail was transferred to the Ontario Hospital, Brockville and Doctor Cruickshank was transferred to the Department of Health.

Mrs. Emily Calbeck, who entered the Service at Kingston on January 7th, 1924, was superannuated on October 1st, 1940, owing to ill health.

In conclusion, may I say that those members of the staff who, for various reasons, are unable to enlist for active service would welcome and cooperate loyally with any plan that the Department may have in mind for advancing the Country's War Contribution, even though it meant a personal hardship for themselves.

ONTARIO HOSPITAL, WOODSTOCK

DR. D. O. LYNCH, Superintendent

CARE AND TREATMENT OF PATIENTS:

During the past year, our accommodation both in the Epileptic and T.B. Units has been taxed to the limit and at the close of the fiscal year, 1229 patients were in residence, 634 epileptics and 595 tuberculous mentally ill. Admissions for the year totalled 106, transfers from other hospitals 120, transfers to other Ontario Hospitals 30, discharges amounted to 110 and deaths accounted for 82.

Phenobarbital, in gradually increased dosage based on the individual case requirements, is still our main therapeutic agent in the treatment of epilepsy. Dilantin-Sodium, however, has proven a valuable alternative in cases refractory to Phenobarbital within the limits of tolerance. Few of our cases have been completely controlled by this drug alone. Much better results have been obtained when it is combined with Phenobarbital. The frequency with which toxic reactions are encountered in the use of this drug, makes it imperative that it be not given indiscriminately and only under the careful supervision of a physician.

Our electro-encephalography laboratory has been in operation since September with Dr. Pratt of our staff in charge. A considerable amount of work has been done studying the cortical activity of our known epileptics and valuable assistance has been given in the diagnosis of many doubtful cases newly admitted. Numerous out-patients have also been examined, including cases from the Westminister Hospital, London, Ontario Hospital, London, the Mental Health Clinic of the latter hospital, the Woodstock General Hospital, cases referred by the Mothers' Allowance Commission and the Motor Vehicles Branch of the Department of Highways, and cases of private practitioners.

In conformity with the findings of more experienced workers in this field, it has been found that this technique is of most assistance in the diagnosis of epilepsy where clinical methods are weakest, i.e., in cases of petit mal or psychomotor seizures rather than grand mal seizures alone. The latter are most obvious clinically but not infrequently the E. E. G. in these cases is within normal limits in the inter-seizure periods.

This laboratory was also utilized on two occasions by Flight-Lieutenant Evelyn of the Research Department of the Air Force Training Centre of London in conjunction with the Medical School, as part of special research work on a group of medical students concerning Air Force problems.

During the past year the work of the Tuberculosis Unit has been conducted on much the same scale as during the previous year, in spite of difficulties encountered by changes in staff caused by the war situation.

The greater number of the patients are receiving general nursing care and rest treatment. A large proportion, however, which comprises all those patients upon whom the procedure is possible from their mental standpoint, and indicated by their physical condition, are receiving pneumothorax therapy. The number receiving this treatment has been substantially increased as compared with the previous year. This is probably accounted for by the fact that the Ontario Hospitals Chest Clinic in its intensive programme, is sending to the Unit patients with less far advanced tuberculosis than was possible before the Unit was established on its present scale.

The more radical surgical procedures, such as thoracoplasty, extrapleural pneumothorax, etc., have not been considered advisable on mentally ill patients up to the present time.

During the year it has been possible to admit mentally ill patients from the sanatoria without delay.

Dr. F. T. Fralick has continued as Travelling Chest Clinician for the Ontario Hospitals Service, working from the T.B. Unit, Woodstock, and has completed Chest Surveys and Re-checks in all Ontario Hospitals.

Specific treatment on a number of luetic patients has been conducted during the year.

A detailed statement covering the activities of the T.B. Unit and the Ontario Hospitals Chest Clinic has been included with the special statistical tables already forwarded to the Department.

STAFF, ADMINISTRATION AND BUILDINGS:

Dr. Sophie Bookhalter was appointed to the staff of the Tuberculosis Unit on May 1st, 1940 and was later transferred to the Epilepsy Unit.

Dr. O.V. Dent was transferred from the Tuberculosis Unit to the Tuberculosis Prevention Branch in the Parliament Buildings.

Miss Hilda Bennett, Superintendent of Nurses of the Tuberculosis Unit, was transferred to the office of the Inspector of Training Schools in the Parliament Buildings.

Miss Jessie C. MacKay was transferred from the Ontario Hospital, New Toronto, as Acting Superintendent of Nurses of the Tuberculosis Unit.

Mr. James King of the Psychiatric Hospital, Toronto, was transferred as X-ray Technician to the Tuberculosis Unit.

The following staff members have enlisted during the past year and are now on Active Service: John E. Likins, Wallace C. Featherston, Kenneth J. Healy, William J. Donoghue, John C. Blewett, Clifford W. Sinclair, Bartholamew P. Regan, Edward Baldwin, R. Ross McCleary, Jack M. Kenyon, M.D., Harold G. McCarty, Clayton Pooley, Miss Alma E. Rath, Reg. N., Kenneth B. Rutherford, James F. Cluff, Charles G.O. Munro. This brings the total of enlistments since the war started to thirty-one. The following staff members were discharged as physically unfit for Active Service and have resumed their duties at the hospital: Thomas H. Pitt, James F. Cluff.

During the year the following addresses and papers were given by Dr. D. O. Lynch:

Address at the Seminar at the Toronto Psychiatric Hospital — "Recent Advances in the Treatment of Epilepsy."

Address to the members of the Y.M.C.A.—"Mental Health in War Time."

Address to the convention of Public Health Nurses—"Mental Diseases."

Lecture on Civilian Defence Organization to the senior members of the staff.

Twelve lectures in psychiatry to the Woodstock General Hospital Nurses and clinical demonstration by the members of the medical staff.

Twenty-four lectures in psychiatry to the graduate nurses in the Tuberculosis Unit and clinical demonstration by staff.

Eigheen lectures to attendants and nurse-attendants on routine hospital procedures.

By Dr. C. H. Pratt:

Lecture in "Epilepsy" to post-graduate medical groups from Toronto Psychiatric Hospital.

Lecture in "Epilepsy" to the graduate nurses in the Tuberculosis Unit of the Hospital.

Lecture in the administration of medication to the senior attendants.

By Dr. J. J. Weber:

Addresses on "Tuberculosis Prevention" to the Rotary Club, the Catholic Women's League and the Victorian Order of Nurses.

By Dr. F. S. Lawson:

Address on A.R.P. to the Victorian Order of Nurses.

A course of ten lectures in A.R.P. given to all staff by Dr. D. O. Lynch, Dr. F. S. Lawson and Mrs. Jean Sanders.

Extensive repairs and alterations were carried out during the year by the hospital maintenance staff.

ANNUAL REPORT OF ONTARIO HOSPITALS CHEST CLINIC

(FOR THE FISCAL YEAR ENDING MARCH 31st, 1941)

J. J. WEBER, Clinician

The work of this Clinic in the control of tuberculosis among the patients and staff of the Ontario Hospitals by means of chest X-rays and Tuberculin tests, has continued during the past fiscal year according to the plan described in the report for the fiscal year ending March 31st, 1938.

The large table* accompanying this report indicates the volume of work carried out by this Clinic during the fiscal year ending March 31st, 1941. The grand totals show, in spite of the difficulties encountered by changes in staff caused by the war situation, that the volume of work has remained much the same as in the previous fiscal year. Through the past fiscal year we have been able to remove all cases of active tuberculosis from the Ontario Hospitals as soon as they have been discovered, and in addition to this, there has been no delay in admitting tuberculous cases who have become mentally ill, from sources other than Ontario Hospitals, mainly, from sanatoria. It is noticeable that since all the active cases were removed from the Ontario Hospitals when the Unit first came to Woodstock in October 1939, that during the past fiscal year only 99 new cases of tuberculosis were discovered in the Ontario Hospitals; whereas in the fiscal year ending March 31st, 1940, 137 new cases were discovered among the patients in the Ontario Hospitals.

It may be in order to mention that during the past fiscal year, 1,126 staff applicants were examined radiologically, and of these 9 or 0.8% were considered unsuitable for employment because of pulmonary tuberculosis, either active or questionably active, and 135 or 12% were accepted with reservations because of abnormal chest x-ray markings, possibly but not necessarily tuberculous in nature. These were accepted for temporary staff employment only, and were to have some further investigation, repeat x-rays, etc., within six months of commencing employment. Three thousand two hundred and seventy-nine (3,279) patient admissions to Ontario Hospitals were examined radiologically, and of this number 19 or 0.5% were recommended for transfer to the T.B. Unit because of active pulmonary tuberculosis, and 43 or 1.2% were recommended for isolation and further investigation in their respective hospital because of questionably active disease. In addition, 166 or 4.5% were placed on casual observation because of abnormal chest X-ray markings, possibly but not necessarily tuberculous in nature.

The following table indicates the status of tuberculous patients in all Ontario Hospitals as it existed near the termination of the fiscal year ending March 31st, 1941:—

	Male	Female	Total
Number under treatment in T.B. Unit at Woodstock	321	274	595
Number under isolation at the various Ontario Hospitals awaiting transfer to the T.B. Unit ..	None	None	None
Number under segregation for further investigation at the various Ontario Hospitals (Tuberculosis of questionable activity or suspect tuberculosis).	114	110	224

A word of explanation appears necessary here as there is some conflict between this table and the large table* attached to this memorandum, in that the column "Number of cases advised for investigation, staff merely repeat X-rays. Patients segregated while investigated," the patient total is —1,272— this includes not only 'questionably active' cases but those whose X-ray show tuberculous markings, whether definitely arrested, probably arrested, questionably active, or suspect tuberculosis, whereas the short table above shows only those isolated because of questionably active' tuberculosis. The large table includes all those segregated or under casual

*Table 47, Page 106.

observation for chest disease as well as the questionably active cases.

A further sub-division of the cases under treatment in the T.B. Unit is presented in the following table, and this indicates the tuberculous status of patients in the T.B. Unit at or near the end of the fiscal year. These figures change frequently as a result of the necessary re-check examinations carried out on each patient, but the table is of interest in showing an approximation of the tuberculosis status of patients under treatment at the end of the fiscal year. It should be added that patients who are classed as — 'quiescent,' are on part time exercise, and those classed as 'probably arrested,' are for the most part, on full exercise, and depending upon their next re-check examination, their classification will be altered; if improved, they will be classed as 'arrested'. The 'arrested' group have been on full exercise for at least six months without showing any radiological changes; this is the group from which patients will be selected from time to time for transfer out of the T.B. Unit, either to return to the various Ontario Hospitals if their mental condition is unchanged, or they will be placed on probation if their mental condition warrants such a procedure. It should also be added that from time to time patients whose tuberculosis is classified as other than 'arrested,' are tranferred to a sanatorium for further treatment of their chest disease if their mental condition improves sufficiently.

	Active Activity		Probably		
	Questionable	Quiescent	Arrested	Arrested	Totals
Male	132	60	73	56	321
Female	94	93	52	35	274
Total	226	153	125	91	595

This Clinic undertakes the re-examinations or arranges for the re-examination of all Ontario Hospital employees during their convalescence following their discharge from sanatoria. The Clinic also performs artificial pneumothorax refills upon those employees discharged from sanatoria where they require these treatments and when it is convenient for them to come to the Unit for treatment. This aspect of the work has been curtailed somewhat since the Clinic office was moved from New Toronto to Woodstock There is close co-operation between this Clinic and the Division of Tuberculosis Prevention regarding the after-care of members of staff discharged from sanatoria.

There were a number of changes among the Medical Staff of the T.B. Unit during the past year. In April 1940, Dr. O.V. Dent was transferred to the Division of Tuberculosis Prevention, and the loss of his experienced services made considerable extra work for the remaining medical staff. Dr. S. Bookhalter was appointed to the staff in May 1940, but was transferred to the staff of the Epileptic Unit at the end of August. In September 1940, Dr. Harry P. Granger was appointed to the staff of the T.B. Unit, and no other changes were made during the remainder of the fiscal year. Dr. F. T. Fralick has continued as Travelling Chest Clinician for the Ontario Hospitals Service, working from Woodstock.

The continued assistance and co-operation of the Superintendents and the staff of the various Ontario Hospials, has been of great help in the completion of this work. Moreover, Dr. G.C. Brink and members of the Chest Consultant Board have continued to take a very active interest in this service, and we herewith express our appreciation of their help.

ONTARIO HOSPITAL POPULATION STATISTICS
ANNUAL REVIEW - 1941

An attempt is made in the following review to indicate certain trends in the mental hospital statistics for this province. All inferences are based on data included in the detailed tables on pages 35 to 108.

In Table I are shown the number of patients in residence and the number on the books of the Ontario Hospitals for the last fifteen years. The increase for this year of both these totals is somewhat greater than for last year. When the concurrent increase of the general population is taken into account, this increase is less pronounced than it at first appears.

After having shown an increase for several years, the proportions of both the patients boarded out and those placed on probation, given in Table II, have remained almost stationary. Although over the last ten years there has been a definite increase in the number of patients cared for in boarding homes, the proportion of patients on probation has not been decreased.

A comparison of the mental hospital population with the general population of the province is presented in Table III. The totals of the two sexes in the general population differ slightly, and the totals of male and female mental patients are in practically the same ratio. However, in the earlier age groups, up to the age of 44, the male patients show a consistent predominance. The female patients conversely, are more numerous in the later age groups.

In Table IV, the likelihood of admission to a mental hospital is shown to increase as the subject's age increases. The rate per 1,000 general population rises steadily from 0.13 at ages under 15 years to a rate of 1.37 at 65 years and over. Among the resident population the same type of distribution is indicated, but the maximum for this group is reached at ages 55-64 years. The mean age of first admission is approximately 41.5 years, whereas the mean age for patients in residence is 44.0 years.

The psychiatric diagnosis of patients in residence over a period of six years is shown in Table V. Of interest is the gradual increase in the number of cases classified under the headings, Dementia Praecox, Paranoia, G.P.I., and Mental Deficiency without Psychosis. This fact does not imply that these diseases are becoming more prevalent, it merely indicates that the patients who suffer from them tend to accumulate in the resident population in contrast to those with Manic Depressive diagnosis, for example.

In Table VI it is shown that when the psychiatric classification of first admissions is studied over the same period (Table V), the admissions classified as Dementia Praecox, Paranoia, G.P.I., and Mental Deficiency without Psychosis will be found actually to have declined in number. Since 1938 there has, in fact, been a steady drop in the total admission rate. The admission rate for cases of Manic Depressive Psychosis, however, has shown little diminution and the rate for cases of senile psychosis has increased.

The discharge and death rates for each hospital are shown in Table VII. These rates vary considerably for different hospitals. It should be kept in mind, when comparing these figures, that there are local differences in the composition of the patient populations and in the standards used to determine the patients' conditions.

Table VIII gives a more detailed picture of the numbers of patients discharged and discharge rates for each hospital. It will be noted that in some hospitals, where recovery rate is low, the rate for "Improved" patients is high. Out of the total of 1,974 patients, who were discharged, 52 per cent were discharged as "Improved" and 23 per cent were discharged as "Recovered."

Discharge and death rates for each of the major psychoses are shown in Table IX. The discharge rate for the Manic-Depressive group is highest and the rate for the Dementia Praecox group is lowest. Senile psychosis is associated with the highest death rate and Dementia Praecox with the lowest. Eleven per cent of the total of 17,279 patients under treatment during the year were discharged and 5 per cent died.

Detailed discharge rates are shown in Table X. Out of the total of 1,595 patients with psychoses, who were discharged, 65 per cent were discharged as "Improved" and 29 per cent were discharged as "Recovered". In the case of those classified as Manic-Depressive, 452 or 27 per cent of the number treated were discharged during the year. Over 50 per cent of the 210 cases classed as Psychoneurosis and Neurosis were discharged as either "Recovered" or "Improved".

Table XI shows the rates of discharges and deaths for specific age groups. Of the total number treated during the year for the age group 15-24 years, 346 or 17 per cent were discharged. Discharge rates tend to show a decrease with advancing age after 45 years, while death rates show an increase. The specific death rate per 1,000 patients under treatment is lowest in the age group 25 to 34 years.

Presented in Table XII are the chief causes of death for the Ontario Hospital population as compared with the general population. Last year, deaths from pneumonia and bronchitis headed the list, with 260 deaths or 30 per cent of the total deaths in Ontario Hospitals. This year, diseases of the heart are first, with 246 deaths or 30 per cent of the total. The fact that these two diseases are the leading causes of death among the patients in the Ontario Hospitals is probably accounted for by the large number of old people in hospital.

The foregoing review is intended merely to draw attention to the general trends and rates observed in the mental hospital population. Detailed information will be found in the standard statistical tables which follow on page 35.

TABLE I
TRENDS IN PATIENT POPULATION — ONTARIO HOSPITALS
1932 — 1941

Year	In Residence*		On Books†	
	Number	Rate x	Number	Rate x
1927	9,325	290	9,708	302
1928	9,467	289	9,775	298
1929	9,704	291	10,032	301
1930	10,060	297	10,390	307
1931	10.488	306	10,930	318
1932	11,052	318	11,498	331
1933	11,578	325	12,236	343
1934	12,068	333	12.883	355
1935‡	12,314	335	12,879	351
1936	13,142	356	13,868	376
1937	13,487	363	14,288	385
1938	14,056	377	14,736	395
1939	14,247	380	15,196	405
1940	14,314	379	15,283	405
1941	14,486	382	15,490	408

* Includes patients boarded out from 1934
† Includes patients in residence and on probation
x Per 100,000 population (estimated)
‡ Five month period

TABLE II
PATIENT POPULATION — ONTARIO HOSPITALS
1931 — 1941

Year	Patients In Residence		Patients On Probation		Patients Boarded Out		TOTAL ON BOOKS*
	Number	Per Cent	Number	Per Cent	Number	Per Cent	
1932	11,052	96.1	446	3.9	0	–	11,498
1933	11,578	94.6	658	5.4	0	–	12,236
1934	11,830	91.8	815	6.3	238	1.9	12.883
1935	12,042	93.5	565	4.4	272	2.1	12,879
1936	12,750	91.9	726	5.2	392	2.8	13,868
1937	13,019	91.1	801	5.6	468	3.3	14,288
1938	13.574	92.1	680	4.6	482	3.3	14,736
1939	13,746	90.5	940	6.2	501	3.3	15,196
1940	13,764	90.0	962	6.4	550	3.6	15,283
1941	13,981	90.3	986	6.4	505	3.3	15,490

* Excludes patients on elopement and not discharged
1931 - 1934 Years ending October 31st
1935 - Five month period — Nov. 1st. 1934 to March 31st, 1935
1936 - 1941 Years ending March 31st.

TABLE III

AGE DISTRIBUTION BY SEX — RESIDENT POPULATION AND PROVINCE

AGE	MALES			FEMALES		
	Province* Population	Ontario Hospitals	Rate‡	Province* Population	Ontario Hospitals	Rate‡
Under 15.	533,480	299	0.56	518,000	201	0.39
15 - 24...	340,950	852	2.50	327.920	759	2.32
25 - 34...	290,130	1,237	4.26	276,440	1,005	3.64
35 - 44...	267,320	1,546	5.78	253,920	1,300	5.12
45 - 54...	218,800	1,498	6.85	202,070	1,505	7.45
55 - 64...	140,370	1,155	8.23	136,000	1,295	9.52
65 & over	125,990	704	5.60	130,660	1,084	8.30
Not stated	580	16	–	370	30	–
ALL AGES	1,917,620	7,307	3.81	1,845,380	7,179	3.89

* Estimated population 1940

‡ Rate per 1,000 population at ages.

TABLE IV

FIRST ADMISSIONS AND PATIENTS IN RESIDENCE BY AGE
YEAR ENDING MARCH 31st, 1941

AGE	Population*	FIRST ADMISSIONS		PATIENTS IN RESIDENCEx	
		Number	Rate‡	Number	Rate‡
Under 15	1,051.480	139	0.13	500	0.48
15 - 24	668,870	373	0.56	1,611	2.41
25 - 34	566,570	397	0.70	2,242	3.96
35 - 44	521,240	423	0.81	2,846	5.46
45 - 54	420,870	339	0.81	3,003	7.14
55 - 64	276,370	279	1.01	2,450	8.86
65 and over	256,650	352	1.37	1.788	6.96
Not stated	950	2	–	46	–
ALL AGES	3,763,000	2,304	0.61	14,486	3.85

† Per 1,000 population at ages

* Estimated population 1940

x Includes patients boarded out

TABLE V

PATIENTS IN RESIDENCE BY DIAGNOSIS

1936 — 1941

DIAGNOSIS	1936	1937	1938	1939	1940	1941
	NUMBER OF PATIENTS					
Dementia Praecox	5,865	6,017	6,229	6,392	6,493	6,645
Manic-Depressive Psychoses	1,256	1,273	1,282	1,256	1,163	1,170
Psychoses with Mental Deficiency	646	609	638	622	599	587
Senile Psychoses	444	441	446	446	364	383
Epileptic Psychoses	409	421	448	416	409	406
Mental Deficiency without Psychosis	2,183	2,375	2,536	2,736	2,884	2,862
G. P. I. and Cerebral Syphilis	449	462	507	512	523	534
Psychoses with Cerebral Arterioscler.	318	315	337	328	337	369
Involutional Psychoses	266	264	284	248	270	241
Paranoia and Paranoid Conditions	196	218	221	230	233	234
Alcoholic Psychoses	81	85	87	67	57	51
Alcoholism without Psychosis	16	22	23	21	9	11
Epilepsy without Psychosis	592	473	504	522	562	562
All Other	421	516	514	451	411	431
TOTAL	13,142	13,487	14,056	14,241	14,314	14,486
DIAGNOSIS	RATES PER 100,000 POPULATION					
Dementia Praecox	162.9	161.3	167.0	170.4	171.9	176.6
Manic-Depressive Psychoses	34.9	34.5	34.4	33.5	30.8	31.1
Psychoses with Mental Deficiency	17.9	16.5	17.1	16.6	15.9	15.6
Senile Psychoses	12.3	11.9	12.0	11.9	9.6	10.2
Epileptic Psychoses	11.4	11.4	12.0	11.1	10.8	10.8
Mental Deficiency without Psychosis	60.6	64.4	68.0	72.9	76.4	76.1
G. P. I. and Cerebral Syphilis	12.5	12.5	13.6	13.6	13.8	14.2
Psychoses with Cerebral Arterioscler.	8.8	8.5	9.0	8.7	8.9	9.8
Involutional Psychoses	7.4	7.2	7.6	6.6	7.1	6.4
Paranoia and Paranoid Conditions	5.4	5.9	5.9	6.2	6.2	6.2
Alcoholic Psychoses	2.2	2.2	2.3	1.8	1.5	1.4
Alcoholism without Psychosis	0.4	0.6	0.6	0.6	0.2	0.3
Epilepsy without Psychosis	16.4	12.8	13.5	13.9	14.9	14.9
All Other	11.7	14.0	13.8	12.0	10.9	11.5
TOTAL	365.0	365.5	376.7	379.7	379.0	385.0

TABLE VI

FIRST ADMISSIONS BY DIAGNOSIS—1927-1941*

DIAGNOSIS	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941
	NUMBER OF PATIENTS														
Dementia Praecox	443	431	491	580	480	495	545	576	232	616	603	594	586	524	504
Manic-Depressive Psychoses	203	212	227	185	276	300	303	306	110	394	334	325	316	325	306
Senile Psychoses	191	207	214	201	211	163	121	150	58	183	171	194	165	173	200
Mental Deficiency without Psychosis	132	121	147	165	159	368	299	309	73	369	375	385	404	332	279
G.P.I. and Cerebral Syphilis	93	92	102	115	138	130	142	140	49	145	124	147	128	129	125
Psychoses with Cerebral Arteriosclerosis	66	79	106	79	88	131	147	155	56	187	125	165	178	213	189
Psychoses with Mental Deficiency	63	74	91	68	70	90	96	67	27	86	54	51	52	50	52
Epileptic Psychoses	45	39	58	45	58	41	44	54	15	53	47	61	48	51	45
Involutional Psychoses	64	62	98	86	74	79	52	57	23	73	72	90	95	134	91
Parnoia and Paranoid Conditions	41	33	31	33	65	65	53	42	22	52	69	43	51	43	40
Alcoholic Psychoses	21	27	25	42	35	25	24	19	9	62	39	36	42	42	32
Alcoholism without Psychosis	8	26	13	15	22	21	19	25	16	55	71	72	70	56	21
Epilepsy without Psychosis	30	41	60	39	27	54	85	65	29	101	56	76	95	107	88
All Other	124	158	190	206	219	288	268	276	118	391	396	397	382	362	332
TOTAL	1,524	1,602	1,853	1,859	1,922	2,250	2,198	2,241	837	1,767	2,536	2,636	2,612	2,541	2,304
DIAGNOSIS	RATE PER 100,000 POPULATION														
Dementia Praecox	13.8	13.2	14.7	17.2	14.0	14.2	15.7	16.2	15.5	17.1	16.3	15.9	15.6	13.9	13.4
Manic-Depressive Psychoses	6.3	6.5	6.8	5.5	8.0	8.6	8.6	8.6	7.4	10.9	9.1	8.7	8.4	8.6	8.1
Senile Psychoses	5.9	6.3	6.4	5.9	6.2	4.7	3.4	4.2	3.9	5.1	4.6	5.2	4.4	4.6	5.3
Mental Deficiency without Psychosis	4.1	3.7	4.4	4.9	4.6	10.6	8.5	8.7	4.9	10.2	10.2	10.3	10.8	8.8	7.4
G.P.I. and Cerebral Syphilis	2.8	2.7	3.0	3.4	4.0	3.7	4.0	4.0	3.3	4.0	3.4	3.9	3.4	3.4	3.3
Psychoses with Cerebral Arteriosclerosis	2.1	2.4	3.2	2.3	2.6	3.8	4.2	4.4	3.8	5.2	3.4	4.4	4.7	5.6	5.0
Psychoses with Mental Deficiency	2.0	2.3	2.7	2.0	2.0	2.6	2.7	1.9	1.8	2.4	1.5	1.4	1.4	1.3	1.4
Epileptic Psychoses	1.4	1.2	1.7	1.3	1.7	1.2	1.3	1.5	1.0	1.5	1.3	1.6	1.3	1.4	1.2
Involutional Psychoses	2.0	1.9	2.9	2.5	2.1	2.3	1.5	1.6	1.5	2.0	1.9	2.4	2.5	3.5	2.4
Parnoia and Paranoid Conditions	1.3	1.0	0.9	1.0	1.9	1.9	1.5	1.2	0.6	1.4	1.8	1.2	1.4	1.1	1.1
Alcoholic Psychoses	0.6	0.8	0.7	1.2	1.0	0.7	0.7	0.5	0.6	1.7	1.1	1.0	1.1	1.1	0.9
Alcoholism without Psychosis	0.2	6.8	0.4	0.4	0.6	0.6	0.5	0.7	1.1	1.5	1.9	1.9	1.9	1.5	0.6
Epilepsy without Psychosis	0.9	1.3	1.8	1.2	0.8	1.6	2.4	1.8	1.9	2.8	1.5	2.0	2.5	2.8	2.3
All Other	3.8	4.8	5.7	6.1	6.4	8.3	7.6	7.7	7.9	10.8	10.7	10.6	10.2	9.6	8.8
TOTAL	47.4	49.0	55.5	54.7	56.0	64.8	62.5	63.9	56.1	76.9	68.7	70.7	69.6	67.3	61.2

*1927-1934—Year ending October 31st.
1935—Five months ending March 31st.
1936-1941—Year ending March 31st.

TABLE VII

DISCHARGE AND DEATH RATES BY HOSPITAL

ONTARIO HOSPITALS — 1941

HOSPITALS	Total Admissions	Total* Treated	DISCHARGES			DEATHS		
			No.	Per 100 Adm.	Per 1000 Treated	No.	Per 100 Adm.	Per 1000 Treated
Brockville ..	248	1,423	145	58.5	101.9	73	29.4	51.3
Cobourg	57	546	61	107.0	111.7	17	29.8	31.1
Fort William	86	153	50	58.1	326.8	11	12.8	71.9
Hamilton ...	390	1,897	240	61.5	126.5	83	21.3	43.8
Kingston ...	277	1,496	205	74.0	137.0	84	30.3	56.1
Langstaff ..	0	361	9	–	24.9	4	–	11.1
London	391	2,100	259	66.2	123.3	93	23.8	44.3
New Toronto	341	1,862	215	63.0	115.5	54	15.8	29.0
Orillia	193	2,256	76	39.4	33.7	56	29.0	24.8
Penetang ...	23	623	16	69.6	25.7	19	82.6	30.5
Toronto	388	1,714	228	58.8	133.0	133	34.3	77.6
Whitby	484	2,375	360	74.4	151.6	110	22.7	46.3
Woodstock ..	122	1,477	110	90.2	74.5	82	67.2	55.5
ALL HOSPITALS	3,000	18,283	1,974	65.8	108.0	819	27.3	44.8

* Patients on the books March 31, 1941 plus discharges and deaths during the year.

TABLE VIII

DISCHARGE RATES BY CONDITION ON DISCHARGE—YEAR ENDING MARCH 31, 1941

HOSPITAL	Total Admissions	Patients Treated *	Recovered			Improved			Unimproved			Without Mental Disorder			TOTAL		
			No.	Per 100 Adm.	Per 1,000 Treated	No.	Per 100 Adm.	Per 1,000 Treated	No.	Per 100 Adm.	Per 1,000 Treated	No.	Per 100 Adm.	Per 1,000 Treated	No.	Per 100 Adm.	Per 1,000 Treated
Brockville	248	1,423	48	19.4	33.7	80	32.3	56.2	1	0.4	0.7	16	6.5	11.2	145	58.5	101.9
Cobourg	57	546	0	.....	.....	0	.....	.....	0	.....	.....	61	107.0	111.7	61	107.0	111.7
Fort William	86	153	2	2.3	13.1	39	45.3	254.9	1	1.2	6.5	8	9.3	52.3	50	58.1	326.8
Hamilton	390	1,897	101	25.9	53.2	116	29.7	61.1	13	3.3	6.9	10	2.6	5.3	240	61.5	126.5
Kingston	277	1,496	54	19.5	36.1	104	37.5	69.5	9	3.2	6.0	38	13.7	25.4	205	74.0	137.0
Langstaff	0	361	0	.....	.....	5	.....	13.9	3	.....	8.3	1	.....	2.8	9	.....	24.9
London	391	2,100	85	21.7	40.5	131	33.5	62.4	25	6.3	11.9	18	4.6	8.6	259	66.2	123.3
New Toronto	341	1,862	7	2.1	3.7	183	53.7	98.3	6	1.8	3.2	19	5.6	10.2	215	63.0	115.5
Orillia	193	2,256	0	.....	.....	2	1.0	0.9	0	.....	.....	74	38.3	32.8	76	39.4	33.7
Penetang	23	623	0	.....	.....	7	30.4	11.2	1	4.3	1.6	8	34.8	12.8	16	69.6	25.7
Toronto	388	1,714	55	14.2	32.1	123	31.7	71.8	22	5.7	12.8	28	7.2	16.3	228	58.8	13.3
Whitby	484	2,375	92	19.0	38.7	232	47.9	97.7	11	2.3	4.6	25	5.2	10.5	360	74.4	151.6
Woodstock	122	1,477	17	13.9	11.5	8	6.6	5.4	12	9.8	8.1	73	59.8	49.4	110	90.2	74.5
All Hospitals	3,000	18,283	461	15.4	25.2	1,030	31.3	56.3	104	3.5	5.7	379	12.6	20.7	1,974	65.8	108.0

* Patients on the books March 31, 1941, plus discharges and deaths during year.

TABLE IX

DISCHARGE AND DEATH RATES FOR SELECTED PSYCHOSES

YEAR ENDING MARCH 31, 1941

PSYCHOSES	Total Admissions	No. Treated	DISCHARGES			DEATHS		
			Number	Per 100 Adm.	Per 1000 Treated	Number	Per 100 Adm.	Per 1000 Treated
Senile†	412	1,140	97	23.5	85.1	291	70.6	255.3
Dementia Praecox	755	7,339	510	67.5	69.5	184	24.4	25.1
Manic Depressive	527	1,681	452	85.8	268.9	59	11.2	35.1
General Paresis‡	140	661	70	50.0	105.9	57	40.7	86.2
Epileptic	58	441	35	60.3	79.3	34	58.6	77.1
With Mental Deficiency	30	640	53	176.0	82.8	19	63.3	29.7
Other Psychoses	541	1.409	378	69.9	268.3	78	14.4	55.4
Without Psychosis	537	3,968	379	70.6	95.5	97	18.1	24.4
TOTAL	3,000	17,279	1,974	65.8	114.2	819	27.3	47.4

* Patients in residence March 31, 1941 plus discharges and deaths during the year. (This is an approximation — probationers not included.)

† Including psychoses with cerebral arteriosclerosis.

‡ Including psychoses due to cerebral syphilis.

TABLE XI

DISCHARGES AND DEATHS BY AGE

YEAR ENDING MARCH 31, 1941

AGE GROUPS	First and Re-Admissions	No.* Treated	DISCHARGES			DEATHS		
			No.	Per 100 Adm.	Per 1000 Treated	No.	Per 100 Adm.	Per 1000 Treated
Under 15	144	550	25	17.4	45.5	25	17.4	45.5
15 — 24	439	1,998	346	78.8	173.2	41	9.3	20.5
25 — 34	554	2,679	394	71.1	147.1	43	7.8	16.1
35 — 44	594	2,365	442	75.7	186.9	77	13.2	32.6
45 — 54	476	3,463	371	77.9	107.1	89	18.7	25.7
55 — 64	386	2,839	227	58.8	80.0	162	41.9	57.1
65 & over	415	2,336	169	40.7	72.3	379	91.3	162.2
Not stated	2	49	0	—	—	3	—	—
ALL AGES	3,000	17.279	1,974	65.8	114.2	819	27.3	47.4

* Patients in residence, March 31, 1941 plus discharges and deaths.

TABLE X

DISCHARGE RATES FOR SELECTED PSYCHOSES BY CONDITION ON DISCHARGE

YEAR ENDING MARCH 31, 1941

PSYCHOSIS	Total Admissions	No.* Treated	Recovered			Improved			Unimproved			TOTAL		
			No.	Per 100 Adm.	Per 1,000 Treated	No.	Per 100 Adm.	Per 1,000 Treated	No.	Per 100 Adm.	Per 1,000 Treated	No.	Per 100 Adm.	Per 1,000 Treated
Dementia Praecox	755	7,339	76	10.1	10.4	402	53.2	54.8	32	4.2	4.4	510	67.5	69.5
Manic Depressive	527	1,681	199	37.8	118.4	244	46.3	145.2	9	1.7	5.4	452	85.8	268.9
Psychoneuroses and Neuroses	130	210	56	43.1	266.7	55	42.3	261.9	6	4.6	28.6	117	90.0	557.1
Senile and With Cerebral Arteriosclerosis	412	1,140	12	2.9	10.5	65	15.8	57.0	20	4.9	17.5	97	23.5	85.1
Involutional Melancholia	110	362	31	28.2	85.6	63	57.3	174.0	3	2.7	8.3	97	88.2	267.9
General Paresis and Cerebral Syphilis	140	661	16	11.4	24.2	51	36.4	77.2	3	2.1	4.5	70	50.0	105.9
Other Psychoses	389	1,918	71	18.3	37.0	150	38.6	78.2	31	8.0	16.2	252	64.8	131.4
TOTAL	2,463	13,311	461	18.7	34.6	1,030	41.8	77.4	104	4.2	7.8	1,595	64.8	119.8
Without Psychosis	537	3,968	.....	.....	.....	.....	.....	.....	.....	.....	.....	379	71.0	95.5
TOTAL	3,000	17,279	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,974	65.8	114.2

* Patients in residence March 31, 1941, plus discharges and deaths during the year. (This is an approximation—probationers are not included.)

TABLE XII

PRINCIPAL RECORDED CAUSES OF DEATH
ONTARIO HOSPITALS — 1940-41 AND ONTARIO — 1940

CAUSE OF DEATH	ONTARIO HOSPITALS			PROVINCE		
	No.	Rate†	%	No.	Rate‡	%
1. Diseases of the Heart	246	1423.7	20.0	8,546	227.1	22.2
2. Pneumonia and Bronchitis	236	1365.8	28.8	2,080	55.3	5.4
3. Tuberculosis (all forms)..	66	382.0	8.1	1,011	26.9	2.6
4. Cerebral Haemorrhage ...	59	341.5	7.2	901	23.9	2.3
5. Diseases of the Arteries...	30	173.6	3.7	4,864	129.3	12.7
6. Cancer (all forms)	26	150.5	3.2	4,847	128.8	12.6
Total (1-6)	663	3837.0	81.0	22,249	591.3	57.8
All Other Causes.....	156	902.8	19.0	16.254	431.9	42.2
GRAND TOTAL	819	4739.9	100.0	38,503	1023.2	100.0

† Per 100,000 under treatment (17,279)
‡ Per 100,000 population. (3,763.000)

DETAILED STATISTICAL TABLES

TABLE No. 1

DETAILED MOVEMENT OF PATIENT POPULATION

April 1st, 1940—March 31st, 1941

POPULATION	TOTAL			Brockville			Cobourg			Fort William			Hamilton			Kingston			Langstaff		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Patients on Books, April 1, 1940:																					
In Residence	6,996	6,730	13,726	535	518	1,053	0	405	405	90	0	90	712	655	1,367	596	517	1,113	353	0	353
In Boarding Homes	192	349	541	20	28	48	0	33	33	0	0	0	11	24	35	26	50	76	0	0	0
On Probation	459	550	1,009	31	42	73	0	57	57	8	0	8	47	68	115	23	28	51	0	0	0
On Elopement (not discharged)	6	1	7	0	0	0	0	1	1	0	0	0	0	0	0	1	0	1	0	0	0
Total on Books	7,653	7,630	15,283	586	588	1,174	0	496	496	98	0	98	770	747	1,517	646	595	1,241	353	0	353
2. Admitted during year:																					
First Admissions	1,218	1,086	2,304	82	93	175	0	54	54	76	0	76	154	130	284	117	82	199	0	0	0
Re-admissions	341	355	696	39	34	73	0	3	3	10	0	10	45	61	106	37	41	78	0	0	0
Transfers Received	310	106	416	16	3	19	0	6	6	1	0	1	10	9	19	10	2	12	59	0	59
Total Admitted	1,869	1,547	3,416	137	130	267	0	63	63	87	0	87	209	200	409	164	125	289	59	0	59
3. Total under care:‡	9,522	9,177	18,699	723	718	1,441	0	559	559	185	0	185	979	947	1,926	810	720	1,530	412	0	412
4. Discharged during year:†																					
Recovered	212	249	461	21	27	48	0	0	0	2	0	2	39	62	101	35	19	54	0	0	0
Improved	515	515	1,030	43	37	80	0	0	0	39	0	39	59	57	116	49	55	104	5	0	5
Unimproved	60	44	104	1	0	1	0	0	0	1	0	1	7	6	13	6	3	9	3	0	3
Without Psychosis	210	169	379	7	9	16	0	61	61	8	0	8	6	4	10	29	9	38	1	0	1
Died*	443	376	819	31	42	73	0	17	17	11	0	11	38	45	83	49	35	84	4	0	4
Transferred	311	105	416	15	3	18	0	13	13	32	0	32	17	12	29	26	8	34	51	0	51
Total discharged from Books‡	1,751	1,458	3,209	118	118	236	0	91	91	93	0	93	166	186	352	194	129	323	64	0	64
5. Patients on Books, March 31, 1941:																					
In Residence	7,136	6,845	13,981	559	526	1,085	0	367	367	80	0	80	749	674	1,423	575	516	1,091	341	0	341
In Boarding Homes§	171	334	505	15	22	37	0	26	26	0	0	0	11	22	33	22	48	70	1	0	1
On Probation	454	532	986	31	52	83	0	71	71	12	0	12	52	65	117	18	27	45	5	0	5
On Elopement (not discharged)	10	8	18	0	0	0	0	4	4	0	0	0	1	0	1	1	0	1	1	0	1
Total on Books	7,771	7,719	15,490	605	600	1,205	0	468	468	92	0	92	813	761	1,574	616	591	1,207	348	0	348
6. Daily Average Population in Residence	7,041	6,797	13,838	547	522	1,069	0	418	418	93	0	93	725	665	1,390	582	514	1,096	332	0	332
7. Daily Average Population on Books	7,716	7,684	15,400	596	594	1,190	0	485	485	103	0	103	785	755	1,540	636	594	1,230	338	0	338

‡ These figures include transfers—actual numbers for all hospitals combined are 18,283 and 2,793.

† Elopers discharged (66) are included with ordinary discharges.

* Excludes deaths on probation and elopement, these are included with ordinary discharges.

§ Includes 26 female patients in Colony Houses at Cobourg and 11 female patients in Colony Houses at Orillia. Net number in Boarding Homes—468.

TABLE No. 1—(Concluded)

DETAILED MOVEMENT OF PATIENT POPULATION

April 1st, 1940—March 31st, 1941

POPULATION	London			New Toronto			Orillia			Penetang			Toronto			Whitby			Woodstock		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Patients on Books, April 1, 1940:																					
In Residence	708	772	1,480	664	684	1,348	1,014	977	1,991	355	211	566	577	571	1,148	771	847	1,618	621	573	1,194
In Boarding Homes	35	64	99	44	34	78	0	8	8	8	18	26	13	32	45	35	58	93	0	0	0
On Probation	61	76	137	61	64	125	43	29	72	3	5	8	63	52	115	76	101	177	43	28	71
On Elopement (not discharged)	0	0	0	1	0	1	2	0	2	0	0	0	2	0	2	0	0	0	0	0	0
Total on Books	804	912	1,716	770	782	1,552	1,059	1,014	2,073	366	234	600	655	655	1,310	882	1,006	1,888	664	601	1,265
2. Admitted during year:																					
First Admissions	140	147	287	156	130	286	98	80	178	10	4	14	168	138	306	153	186	339	64	42	106
Re-admissions	49	55	104	27	28	55	6	9	15	7	2	9	37	45	82	72	73	145	12	4	16
Transfers Received	11	5	16	13	3	16	3	4	7	20	1	21	69	27	96	15	9	24	83	37	120
Total Admitted	200	207	407	196	161	357	107	93	200	37	7	44	274	210	484	240	268	508	159	83	242
3. Total under care:‡	1,004	1,119	2,123	966	943	1,909	1,166	1,107	2,273	403	241	644	929	865	1,794	1,122	1,274	2,396	823	684	1,507
4. Discharged during year:†																					
Recovered	23	62	85	0	7	7	0	0	0	0	0	0	32	23	55	47	45	92	13	4	17
Improved	59	72	131	83	100	183	1	1	2	4	3	7	62	61	123	106	126	232	5	3	8
Unimproved	15	10	25	3	3	6	0	0	0	1	0	1	11	11	22	4	7	11	8	4	12
Without Psychosis	16	2	18	13	6	19	39	35	74	4	4	8	19	9	28	15	10	25	53	20	73
Died*	51	42	93	33	21	54	33	23	56	10	9	19	88	45	133	47	63	110	48	34	82
Transferred	14	9	23	37	10	47	3	14	17	19	2	21	57	23	80	13	8	21	27	3	30
Total discharged from Books‡	178	197	375	169	147	316	76	73	149	38	18	56	269	172	441	232	259	491	154	68	222
5. Patients on Books, March 31, 1941:																					
In Residence	747	799	1,546	704	707	1,411	1,027	983	2,010	353	202	555	607	608	1,215	755	873	1,628	639	590	1,229
In Boarding Homes§	22	57	79	49	46	95	0	11	11	8	20	28	10	32	42	33	50	83	0	0	0
On Probation	57	66	123	44	43	87	56	36	92	4	1	5	43	53	96	102	92	194	30	26	56
On Elopement (not discharged)	0	0	0	0	0	0	7	4	11	0	0	0	0	0	0	0	0	0	0	0	0
Total on Books	826	922	1,748	797	796	1,593	1,090	1,034	2,124	365	223	588	660	693	1,353	890	1,015	1,905	669	616	1,285
6. Daily Average Population in Residence	731	775	1,506	680	692	1,372	1,011	972	1,983	354	206	560	595	590	1,185	761	863	1,624	630	580	1,210
7. Daily Average Population on Books	812	912	1,724	786	789	1,575	1,074	1,020	2,094	367	227	594	661	680	1,341	888	1,018	1,906	670	610	1,280

‡ These figures include transfers—actual numbers for all hospitals combined are 18,283 and 2,793.

† Elopers discharged (66) are included with ordinary discharges.

* Excludes deaths on probation and elopement, these are included with ordinary discharges.

§ Includes 26 female patients in Colony Houses at Cobourg and 11 female patients in Colony Houses at Orillia. Net number in Boarding Homes—468.

TABLE No. 2

MOVEMENT OF PATIENT POPULATION

YEAR ENDING MARCH 31, 1941

HOSPITALS	To Population											
	First Admissions			Re-Admissions			Transfers Received			Total Added to Population		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	82	93	175	39	34	73	16	3	19	137	130	267
Cobourg	0	54	54	0	3	3	0	6	6	0	63	63
Fort William	76	0	76	10	0	10	1	0	1	87	0	87
Hamilton	154	130	284	45	61	106	10	9	19	209	200	409
Kingston	117	82	199	37	41	78	10	2	12	164	125	289
Langstaff	0	0	0	0	0	0	59	0	59	59	0	59
London	140	147	287	49	55	104	11	5	16	200	207	407
New Toronto	156	130	286	27	28	55	13	3	16	196	161	357
Orillia	98	80	178	6	9	15	3	4	7	107	93	200
Penetang	10	4	14	7	2	9	20	1	21	37	7	44
Toronto	168	138	306	37	45	82	69	27	96	274	210	484
Whitby	153	186	339	72	73	145	15	9	24	240	268	508
Woodstock	64	42	106	12	4	16	83	37	120	159	83	242
All Hospitals	1,218	1,086	2,304	341	355	696	310	106	416	1,869	1,547	3,416

TABLE No. 2 (Concluded)

MOVEMENT OF PATIENT POPULATION

YEAR ENDING MARCH 31, 1941

HOSPITALS	From Population																	
	Discharged*			Died†			Transferred to Other Hospitals			Elopers Discharged			Total from Population			Change in Population		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	72	73	145	31	42	73	15	3	18	0	0	0	118	118	236	+19	+12	+31
Cobourg	0	50	50	0	17	17	0	13	13	0	11	11	0	91	91	0	−28	−28
Fort William	50	0	50	11	0	11	32	0	32	0	0	0	93	0	93	−6	0	−6
Hamilton	109	129	238	38	45	83	17	12	29	2	0	2	166	186	352	+43	+11	+57
Kingston	116	86	202	49	35	84	26	8	34	3	0	3	191	129	323	−30	−4	−34
Langstaff	6	0	6	4	0	4	51	0	51	3	0	3	61	0	64	−5	0	−5
London	107	146	253	51	42	93	14	9	23	6	0	6	178	197	375	+22	+10	+32
New Toronto	96	116	212	33	21	54	37	10	47	3	0	3	169	147	316	+27	+14	+41
Orillia	27	30	57	33	23	56	3	14	17	13	6	19	76	73	149	+31	+20	+51
Penetang	9	7	16	10	9	19	19	2	21	0	0	0	38	18	56	−1	−11	−12
Toronto	120	103	223	88	45	133	57	23	80	4	1	5	269	172	441	+5	+38	+43
Whitby	167	187	354	47	63	110	13	8	21	5	1	6	232	259	491	+8	+9	+17
Woodstock	71	31	102	48	34	82	27	3	30	8	0	8	154	68	222	+5	+15	+20
ALL HOSPITALS	950	958	1,908	443	376	819	311	105	416	47	19	66	1,751	1,458	3,209	+118	+89	+207

* Discharges include 4 deportations.

† Does not include deaths on probation or elopement. These are classed as discharges

TABLE No. 3

PATIENT POPULATION ON APRIL 1, 1940, AND MARCH 31, 1941

HOSPITALS	Population April 1, 1940														
	Patients in Hospital			Patients on Probation			Patients Boarding-out			Eloped and Not Discharged			Total on Books		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	535	518	1,053	31	42	73	20	28	48	0	0	0	586	588	1,174
Cobourg	0	405	405	0	57	57	0	33	33	0	1	1	0	496	496
Fort William	90	0	90	8	0	8	0	0	0	0	0	0	98	0	98
Hamilton	712	655	1,367	47	68	115	11	24	35	0	0	0	770	747	1,517
Kingston	596	517	1,113	23	28	51	26	50	76	1	0	1	646	595	1,241
Langstaff	353	0	353	0	0	0	0	0	0	0	0	0	353	0	353
London	708	772	1,480	61	76	137	35	64	99	0	0	0	804	912	1,716
New Toronto	664	684	1,348	61	64	125	44	34	78	1	0	1	770	782	1,552
Orillia	1,014	977	1,991	43	29	72	0	8	8	2	0	2	1,059	1,014	2,073
Penetang	355	211	566	3	5	8	8	18	26	0	0	0	366	234	600
Toronto	577	571	1,148	63	52	115	13	32	45	2	0	2	655	655	1,310
Whitby	771	847	1,618	76	101	177	35	58	93	0	0	0	882	1,006	1,888
Woodstock	621	573	1,194	43	28	71	0	0	0	0	0	0	664	601	1,265
All Hospitals	6,996	6,730	13,726	459	550	1,009	192	349	541	6	1	7	7,653	7,630	15,283

TABLE No. 3—(Concluded)

PATIENT POPULATION ON APRIL 1, 1940, AND MARCH 31, 1941

HOSPITALS	Population March 31, 1941																	
	Patients in Hospital			Patients on Probation			Patients Boarding-out			Eloped and Not Discharged			Total on Books			Total Number of Patients on Books During Year		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	559	526	1,085	31	52	83	15	22	37	0	0	0	605	600	1,205	723	718	1,441
Cobourg	0	367	367	0	71	71	0	26	26	0	4	4	0	468	468	0	559	559
Fort William	80	0	80	12	0	12	0	0	0	0	0	0	92	0	92	185	0	185
Hamilton	749	674	1,423	52	65	117	11	22	33	1	0	1	813	761	1,574	979	947	1,926
Kingston	575	516	1,091	18	27	45	22	48	70	1	0	1	616	591	1,207	810	720	1,530
Langstaff	341	0	341	5	0	5	1	0	1	1	0	1	348	0	348	412	0	412
London	747	799	1,546	57	66	123	22	57	79	0	0	0	826	922	1,748	1,004	1,119	2,123
New Toronto	704	707	1,411	44	43	87	49	46	95	0	0	0	797	796	1,593	966	943	1,909
Orillia	1,027	983	2,010	56	36	92	0	11	11	7	4	11	1,090	1,034	2,124	1,166	1,107	2,273
Penetang	353	202	555	4	1	5	8	20	28	0	0	0	365	223	588	403	241	644
Toronto	607	608	1,215	43	53	96	10	32	42	0	0	0	660	693	1,353	929	865	1,794
Whitby	755	873	1,628	102	92	194	33	50	83	0	0	0	890	1,015	1,905	1,122	1,274	2,396
Woodstock	639	590	1,229	30	26	56	0	0	0	0	0	0	669	616	1,285	823	684	1,507
All Hospitals	7,136	6,845	13,981	454	532	986	171	334	505	10	8	18	7,771	7,719	15,490	9,522	9,177	18,699

TABLE No. 4

MOVEMENT OF PATIENT POPULATION

	PATIENT POPULATION	All Hospitals			Brockville			Cobourg			Fort William			Hamilton			Kingston			Langstaff		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
In Boarding Homes	In Boarding Homes at beginning of year	192	349	541	20	28	48	0	33	33	0	0	0	11	24	35	26	50	76	0	0	0
	Placed in Boarding Homes during year	113	284	397	12	9	21	0	30	30	0	0	0	7	12	19	13	33	46	1	0	1
	Returned from Boarding Homes during year	131	260	391	14	13	27	0	5	5	0	0	0	7	14	21	17	33	50	0	0	0
	Discharged while in Boarding Homes...	3	39	42	3	2	5	0	32	32	0	0	0	0	0	0	0	2	2	0	0	0
	Died while in Boarding Homes.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining in Boarding Homes at end of year	171	334	505	15	22	37	0	26	26	0	0	0	11	22	33	22	48	70	1	0	1
	Daily Average in Boarding Homes.....	169	339	508	17	25	42	0	29	29	0	0	0	10	22	32	24	49	73	1	0	1
On Probation	On Probation at the beginning of the year	459	550	1,009	31	42	73	0	57	57	8	0	8	47	68	115	23	28	51	0	0	0
	Placed on Probation during year.....	1,256	1,455	2,711	73	95	168	0	147	147	34	0	34	121	156	277	68	75	143	12	0	12
	Returned from Probation during year...	560	646	1,206	20	25	45	0	89	89	14	0	14	26	40	66	28	27	55	3	0	3
	Discharged while on Probation.....	692	818	1,510	51	60	111	0	44	44	16	0	16	90	119	209	44	47	91	4	0	4
	Died while on Probation.....	9	9	18	2	0	2	0	0	0	0	0	0	0	0	0	1	2	3	0	0	0
	Remaining on Probation at end of year	454	532	986	31	52	83	0	71	71	12	0	12	52	65	117	18	27	45	5	0	5
	Daily Average on Probation.....	485	575	1,060	30	47	77	0	65	65	11	0	11	48	66	114	28	31	59	5	0	5

TABLE No. 4—(Concluded)

MOVEMENT OF PATIENT POPULATION

	PATIENT POPULATION	London			New Toronto			Orillia			Penetang			Toronto			Whitby			Woodstock		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
In Boarding Homes	In Boarding Homes at beginning of year	35	64	99	44	34	78	0	8	8	8	18	26	13	32	45	35	58	93	0	0	0
	Placed in Boarding Homes during year	15	38	53	20	38	58	0	17	17	1	8	9	8	40	48	36	59	95	0	0	0
	Returned from Boarding Homes during year	28	44	72	15	26	41	0	14	14	1	6	7	11	38	49	38	67	105	0	0	0
	Discharged while in Boarding Homes...	0	1	1	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0
	Died while in Boarding Homes.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining in Boarding Homes at end of year	22	57	79	49	46	95	0	11	11	8	20	28	10	32	42	33	50	83	0	0	0
	Daily Average in Boarding Homes.....	24	59	83	46	40	86	0	10	10	8	20	28	10	31	41	29	54	83	0	0	0
On Probation	On Probation at the beginning of the year	61	76	137	61	64	125	43	29	72	3	5	8	63	52	115	76	101	177	43	28	71
	Placed on Probation during year.....	144	204	348	82	102	184	234	181	415	16	6	22	124	151	275	217	220	437	131	118	249
	Returned from Probation during year...	62	70	132	20	26	46	194	152	346	7	3	10	42	57	99	54	68	122	90	89	179
	Discharged while on Probation.....	86	141	227	79	97	176	26	21	47	8	7	15	99	90	189	137	161	298	52	31	83
	Died while on Probation.....	0	3	3	0	0	0	1	1	2	0	0	0	3	3	6	0	0	0	2	0	2
	Remaining on Probation at end of year	57	66	123	44	43	87	56	36	92	4	1	5	43	53	96	102	92	194	30	26	56
	Daily Average on Probation.....	55	78	133	55	52	107	56	48	104	5	2	7	55	57	112	97	99	196	40	30	70

TABLE No. 5

CHANGES IN PATIENT POPULATION

April 1st, 1940, vs. March 31st, 1941

HOSPITALS	Patients in Hospital			Patients on Probation			Patients Boarding-out			Eloped and Not Discharged			Total on Books		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	+24	+ 8	+32	0	+10	+10	− 5	− 6	−11	0	0	0	+19	+12	+31
Cobourg	0	−38	−38	0	+14	+14	0	− 7	− 7	0	+ 3	+ 3	0	−28	−28
Fort William	−10	0	−10	+ 4	0	+ 4	0	0	0	0	0	0	− 6	0	− 6
Hamilton	+37	+19	+56	+ 5	− 3	+ 2	0	− 2	− 2	+ 1	0	+ 1	+43	+14	+57
Kingston	−21	− 1	−22	− 5	− 1	− 6	− 4	− 2	− 6	0	0	0	−30	− 4	−34
Langstaff	−12	0	−12	+ 5	0	+ 5	+ 1	0	+ 1	+ 1	0	+ 1	− 5	0	− 5
London	+39	+27	+66	− 4	−10	−14	−13	− 7	−20	0	0	0	+22	+10	+32
New Toronto	+40	+23	+63	−17	−21	−38	+ 5	+12	+17	− 1	0	− 1	+27	+14	+41
Orillia	+13	+ 6	+19	+13	+ 7	+20	0	+ 3	+ 3	+ 5	+ 4	+ 9	+31	+20	+51
Penetang	− 2	− 9	−11	+ 1	− 4	− 3	0	+ 2	+ 2	0	0	0	− 1	−11	−12
Toronto	+30	+37	+67	−20	+ 1	−19	− 3	0	− 3	− 2	0	− 2	+ 5	+38	+43
Whitby	−16	+26	+10	+26	− 9	+17	− 2	− 8	−10	0	0	0	+ 8	+ 9	+17
Woodstock	+18	+17	+35	−13	− 2	−15	0	0	0	0	0	0	+ 5	+15	+20
All Hospitals	+140	+115	+255	− 5	−18	−23	−21	−15	−36	+ 4	+ 7	+11	+118	+89	+207

TABLE No. 6
SUMMARY OF PATIENT POPULATION
YEAR ENDING MARCH 31, 1941

	DIAGNOSIS	Admissions						Discharges						Deaths						Patients in Residence*		
		First Admissions			Re-Admissions			First Admissions			Re-Admissions			First Admissions			Re-Admissions					
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	93	25	118	11	2	13	41	10	51	12	3	15	44	8	52	1	3	4	414	90	504
	02. With other forms of Syphilis	3	4	7	1	1	2	4	0	4				1	0	1				18	12	30
	03. With Epidemic Encephalitis	2	1	3							1	0	1	1	0	1				20	15	35
	04. With other Infectious Diseases	5	3	8				1	0	1				1	1	2				4	7	11
	05. Alcoholic Psychoses	27	5	32	6	2	8	21	6	27	2	2	4							42	9	51
	06a. Due to Opium and Other Drugs	2	12	14	1	4	5	4	8	12	1	2	3							1	4	5
	06b. Due to other Exogenous Toxins	1	4	5				1	2	3										1	1	2
	07. Traumatic Psychoses	8	0	8				6	0	6	1	0	1							19	2	21
	08. With Cerebral Arteriosclerosis	104	85	189	8	6	14	20	30	50	0	7	7	76	46	122	8	2	10	193	176	369
	09. With other Disturbances of Circulation	12	11	23				1	1	2				7	6	13				4	7	11
	10. With Convulsive Disorders (Epilepsy)	24	21	45	8	5	13	15	11	26	8	1	9	14	13	28	3	4	7	215	191	406
	11. Senile Psychoses	96	104	200	4	5	9	18	18	36	1	3	4	75	76	151	5	3	8	146	237	383
	12. Involutional Psychoses	25	66	91	8	11	19	17	70	87	2	8	10	8	12	20	1	3	4	69	172	241
	13. Due to other Metabolic, etc., Diseases	8	38	46	0	2	2	7	19	26	0	2	2	4	10	14	0	2	2	5	56	61
	14. Due to New Growth	2	3	5				0	1	1				1	1	2				3	2	5
	15. With Organic Changes of Nervous System	4	6	10	0	2	2	1	1	2	1	0	1	3	2	5				41	24	65
	16. Psychoneuroses	47	65	112	5	13	18	43	63	106	8	3	11	1	1	2	1	1	2	35	54	89
	17. Manic-Depressive Psychoses	133	173	306	83	138	221	101	167	268	78	106	184	20	15	35	8	16	24	500	670	1,170
	18. Dementia Praecox (Schizophrenia)	315	189	504	138	113	251	223	157	380	77	53	130	71	77	148	20	16	36	3,386	3,259	6,645
	19. Paranoia and Paranoid Conditions	25	15	40	2	5	7	25	14	39	4	2	6	2	2	4	0	1	1	117	117	234
	20. With Psychopathic Personality	2	3	5	2	1	3	4	4	8										19	10	29
	21. With Mental Deficiency	26	26	52	13	10	23	20	16	36	6	11	17	5	11	16	2	1	3	302	285	587
	22. Undiagnosed Psychoses	19	9	28	0	2	2	10	6	16	2	1	3	4	2	6				18	22	40
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	32	17	49	5	3	8							2	0	2	1	0	1	69	50	119
	231b. Epileptics who are Feebleminded	24	15	39	2	3	5							19	7	26	1	3	4	202	241	443
	232. Alcoholism	15	6	21	11	1	12							1	0	1				9	2	11
	233. Drug Addiction	3	4	7	3	4	7													2	4	6
	234. Mental Deficiency	118	161	279	17	16	33							30	29	59	0	1	1	1,416	1,446	2,862
	235. Disorders of Personality	1	1	2													0	1	1	4	4	8
	236. Psychopathic Personality	15	6	21	2	1	3													11	0	11
	237. Other Non-Psychotic Conditions	4	1	5	2	1	3							1	0	1				17	6	23
	24. Primary Behaviour Disorders	6	7	13	6	4	10							1	0	1				4	4	8
	25. Remand Cases	17	0	17	3	0	3													1	0	1
	TOTAL 1–22	983	868	1,851	290	322	612	583	604	1,187	204	204	408	338	283	621	49	52	101	5,572	5,422	10,994
	TOTAL 23–25	235	218	453	51	33	84	165	147	312	45	22	67	54	36	90	2	5	7	1,735	1,757	3,492
	GRAND TOTAL	1,218	1,086	2,304	341	355	696	748	751	1,499	249	226	475	392	319	711	51	57	108	7,307	7,179	14,486

* Includes patients boarding out.

TABLE No. 7

PLACE OF RESIDENCE (COUNTY OR DISTRICT) OF

FIRST ADMISSIONS, RE-ADMISSIONS AND PATIENTS IN RESIDENCE

COUNTY OR DISTRICT	First Admissions			Re-Admissions			Patients in Residence*		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Addington and Lennox	12	9	21	4	3	7	35	29	64
Algoma	15	17	32	5	2	7	105	83	188
Brant	17	13	30	7	1	8	97	89	186
Bruce	7	10	17	2	0	2	67	80	147
Carleton	46	59	105	16	21	37	326	376	702
Cochrane	31	16	47	5	1	6	135	71	206
Dufferin	5	4	9	3	3	6	19	33	52
Dundas	6	3	9	0	0	0	26	20	46
Durham	10	11	21	2	4	6	49	54	103
Elgin	9	14	23	3	4	7	66	92	158
Essex	38	43	81	14	17	31	290	265	555
Frontenac	41	33	74	18	12	30	152	99	251
Glengarry	2	2	4	0	2	2	54	31	85
Grenville	4	3	7	0	3	3	47	41	88
Grey	18	8	26	6	6	12	114	96	210
Haldimand	5	6	11	0	1	1	35	36	71
Haliburton	1	1	2	0	0	0	10	6	16
Halton	15	8	23	0	1	1	43	37	80
Hastings	24	31	55	5	14	19	154	120	274
Huron	9	7	16	3	2	5	22	80	102
Kenora	24	19	43	1	1	2	118	26	144
Kent	2	3	5	4	4	8	128	108	236
Lambton	6	13	19	1	3	4	22	104	126
Lanark	9	5	14	0	5	5	71	64	135
Leeds	9	12	21	4	6	10	80	95	175
Lennox	1	0	1	0	0	0	9	17	26
Lincoln	13	16	29	4	6	10	101	93	194
Manitoulin	0	0	0	0	0	0	14	8	22
Middlesex	41	45	86	15	17	32	265	324	589
Muskoka	4	7	11	3	0	3	38	34	72
Nipissing	29	20	49	4	3	7	150	80	230
Norfolk	7	5	12	2	1	3	48	52	100
Northumberland	9	12	21	4	5	9	67	52	119
Ontario	23	16	39	12	8	20	104	99	203
Oxford	14	12	26	7	5	12	83	86	169
Parry Sound	9	2	11	1	0	1	76	56	132
Peel	7	8	15	1	0	1	44	110	154
Perth	18	14	32	3	4	7	82	33	115
Peterborough	14	13	27	4	5	9	56	78	134
Prescott	9	12	21	4	0	4	72	57	129
Prince Edward	9	2	11	3	2	5	36	33	69
Rainy River	5	8	13	0	5	5	36	28	64
Renfrew	28	18	46	6	1	7	121	114	235
Russell	5	7	12	5	1	6	50	35	85
Simcoe	31	21	52	13	6	19	205	186	391
Stormont	16	10	26	5	4	9	64	56	120
Sudbury	7	11	18	4	2	6	135	85	220
Temiskaming	26	15	41	9	6	15	159	111	270
Thunder Bay	59	14	73	3	6	9	166	58	224
Victoria	11	4	15	4	1	5	51	54	105
Waterloo	24	28	52	6	9	15	117	145	262
Welland	23	17	40	2	8	10	135	126	261
Wellington	18	8	26	2	3	5	128	111	239
Wentworth	57	52	109	19	25	44	428	414	842
York	319	336	655	78	100	178	1,947	2,278	4,225
Patricia	1	0	1	8	3	11	0	1	1
Other Provinces	10	3	13	5	3	8	31	12	43
U.S.A.	1	0	1	0	0	0	8	7	15
Unascertained	1	0	1	2	0	2	16	11	27
TOTAL	1,218	1,086	2,304	341	355	696	7,307	7,179	14,486

* Includes Patients Boarding-out.

TABLE No. 8

RELIGION OF FIRST ADMISSIONS AND PATIENTS IN RESIDENCE

RELIGION	First Admissions			In Residence‡		
	Male	Female	Total	Male	Female	Total
Baptist	46	50	96	299	366	665
Church of England	206	225	431	1,220	1,461	2,681
Hebrew	24	21	45	146	165	311
Presbyterian	132	127	259	870	927	1,797
Roman Catholic	326	236	562	2,097	1,535	3,632
United Church	259	263	522	1.287	1,526	2,813
Lutheran	40	17	57	177	102	279
Greek Cathoilc	14	3	17	33	15	48
Methodist	0	0	0	13	0	13
Salvation Army	2	0	2	11	10	21
Other Denominations	129	115	244	759	684	1,443
Unascertained	40	29	69	395	388	783
TOTAL	1,218	1,086	2,304	7,307	7,179	14,486

‡Includes Patients Boarding-out

CHURCH SERVICES AND ATTENDANCE

CHURCH SERVICES	Number Held	Attendance		
		Male	Female	Total
Protestant	633	38,926	32,188	71.114
Catholic	491	10,428	7,064	17,492

TABLE No. 9
PATIENTS IN RESIDENCE BY AGE AND DIAGNOSIS

	DIAGNOSIS	AGE GROUP																							
		Total			Under 10			10–14			15–19			20–24			25–29			30–34			35–39		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T
With Psychosis	01. With Syphilitic Meningo-Encephalitis	414	90	504							3	2	5	4	1	5	5	5	10	7	6	13	42	10	52
	02. With other forms of Syphilis	18	12	30							0	1	1	1	0	1							1	1	2
	03. With Epidemic Encephalitis	20	15	35										1	3	4	3	1	4	1	4	5	2	3	5
	04. With other Infectious Diseases	4	7	11							0	1	1	0	2	2	0	1	1	1	0	1	2	0	2
	05. Alcoholic Psychoses	42	9	51																1	1	2	10	2	12
	06a. Due to Opium and Other Drugs	1	4	5													0	1	1	0	1	1			
	06b. Due to other Exogenous Toxins	1	1	2																					
	07. Traumatic Psychoses	19	2	21										1	0	1	2	0	2	2	0	2	3	0	3
	08. With Cerebral Arteriosclerosis	193	176	369																					
	09. With other Disturbances of Circulation	4	7	11																			0	1	1
	10. With Convulsive Disorders (Epilepsy)	215	191	406	0	1	1	1	3	4	8	1	9	12	11	23	20	16	36	15	31	46	30	20	50
	11. Senile Psychoses	146	237	383																					
	12. Involutional Psychoses	69	172	241																					
	13. Due to other Metabolic, etc., Diseases	5	56	61										0	2	2	0	2	2	0	5	5	1	6	7
	14. Due to New Growth	3	2	5													0	1	1				1	0	1
	15. With Organic Changes of Nervous System	41	24	65										4	2	6	2	2	4	2	2	4	3	0	3
	16. Psychoneuroses	35	54	89							0	1	1	1	3	4	0	5	5	5	3	8	4	7	11
	17. Manic-Depressive Psychoses	500	670	1,170							6	4	10	12	15	27	20	16	36	23	32	55	40	50	90
	18. Dementia Praecox (Schizophrenia)	3,386	3,259	6,645				0	1	1	39	23	62	144	62	206	307	153	460	401	260	661	467	325	792
	19. Paranoia and Paranoid Conditions	117	117	234													0	1	1	1	0	1	7	4	11
	20. With Psychopathic Personality	19	10	29							0	1	1	1	0	1	2	1	3	3	2	5	3	0	3
	21. With Mental Deficiency	302	285	587							8	4	12	15	13	28	34	32	66	32	28	60	33	35	68
	22. Undiagnosed Psychoses	18	22	40										1	1	2	0	3	3	3	2	5	1	1	2
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	69	50	119	1	1	2	4	3	7	5	4	9	11	4	15	7	14	21	6	5	11	9	8	17
	231b. Epileptics who are Feebleminded	202	241	443	10	9	19	27	20	47	50	40	90	31	40	71	24	29	53	19	28	47	14	19	33
	232. Alcoholism	9	2	11													1	0	1	3	0	3	2	0	2
	233. Drug Addiction	2	4	6																0	2	2	1	1	2
	234. Mental Deficiency	1,416	1,446	2,862	83	51	134	171	112	283	275	276	551	216	242	458	158	174	332	115	134	249	87	104	191
	235. Disorders of Personality	4	4	8													0	1	1	1	0	1			
	236. Psychopathic Personality	17	6	23							1	0	1				4	0	4	2	0	2	3	0	3
	237. Other Non-Psychotic Conditions	11	0	11										1	0	1				5	0	5	2	0	2
	24. Primary Behaviour Disorders	4	4	8	2	0	2				1	0	1				0	1	1				1	0	1
	25. Remand Cases	1	0	1																					
	Total 1–22	5,572	5,422	10,994	0	1	1	1	4	5	64	38	102	197	115	312	395	240	635	497	377	874	650	465	1,115
	Total 23–24	1,735	1,757	3,492	96	61	157	202	135	337	332	320	652	259	286	545	194	219	413	151	169	320	119	132	251
	GRAND TOTAL	7,307	7,179	14,486	96	62	158	203	139	342	396	358	754	456	401	857	589	459	1,048	648	546	1,194	769	597	1,366

TABLE No. 9—(Concluded)

PATIENTS IN RESIDENCE BY AGE AND DIAGNOSIS

	DIAGNOSIS	AGE GROUP																							
		40–44			45–49			50–54			55–59			60–64			65–69			70 and over			Unascertained		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	93	18	111	84	15	99	75	16	91	57	6	63	33	6	39	6	2	8	3	3	6	2	0	2
	02. With other forms of Syphilis	4	2	6	5	3	8	2	3	5	1	0	1	4	2	6									
	03. With Epidemic Encephalitis	5	3	8	5	1	6				2	0	2							1	0	1			
	04. With other Infectious Diseases	0	2	2							1	1	2												
	05. Alcoholic Psychoses	6	0	6	2	0	2	5	1	6	4	2	6	9	2	11	2	0	2	3	1	4			
	06a. Due to Opium and Other Drugs	0	1	1	0	1	1	1	0	1															
	06b. Due to other Exogenous Toxins	0	1	1	1	0	1																		
	07. Traumatic Psychoses	2	0	2	1	1	2	2	0	2	2	0	2	1	1	2	2	0	2				1	0	1
	08. With Cerebral Arteriosclerosis	0	1	1	0	6	6	12	7	19	21	12	33	48	36	84	38	40	78	74	74	148			
	09. With other Disturbances of Circulation							0	4	4	1	0	1	2	1	3	0	1	1	1	0	1			
	10. With Convulsive Disorders (Epilepsy)	25	16	41	32	28	60	22	25	47	18	12	30	14	10	24	9	5	14	9	12	21			
	11. Senile Psychoses				1	0	1	1	0	1	2	2	4	16	13	29	22	29	51	104	193	297			
	12. Involutional Psychoses	1	6	7	4	18	22	9	32	41	14	45	59	24	36	60	14	12	26	2	22	24	1	1	2
	13. Due to other Metabolic, etc., Diseases	0	6	6	0	6	6	2	6	8	0	10	10	2	6	8	0	5	5	0	2	2			
	14. Due to New Growth							0	1	1	1	0	1				1	0	1						
	15. With Organic Changes of Nervous System	4	3	7	5	3	8	8	3	11	3	2	5	3	5	8	1	1	2	6	1	7			
	16. Psychoneuroses	5	7	12	5	5	10	5	10	15	3	7	10	2	2	4	3	3	6	2	1	3			
	17. Manic-Depressive Psychoses	46	63	109	52	71	123	66	109	175	70	97	167	81	93	174	41	49	90	41	70	111	2	1	3
	18. Dementia Praecox (Schizophrenia)	428	415	843	442	418	860	385	437	822	315	369	684	210	309	519	153	228	381	89	233	322	6	26	32
	19. Paranoia and Paranoid Conditions	15	6	21	19	14	33	20	25	45	17	19	36	16	24	40	9	8	17	12	16	28	1	0	1
	20. With Psychopathic Personality	2	0	2	1	2	3	3	0	3	2	3	5	2	1	3									
	21. With Mental Deficiency	37	38	75	36	29	65	30	30	60	33	27	60	23	24	47	14	14	28	5	10	15	2	1	3
	22. Undiagnosed Psychoses	6	4	10	1	2	3	2	1	3	3	5	8	1	1	2				0	2	2			
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	3	4	7	3	1	4	4	1	5	5	2	7	6	2	8	3	1	4	2	0	2			
	231b. Epileptics who are Feebleminded	6	25	31	12	14	26	4	11	15	2	2	4	1	2	3	2	1	3	0	1	1			
	232. Alcoholism				3	1	4													0	1	1			
	233. Drug Addiction							1	1	2															
	234. Mental Deficiency	86	81	167	73	68	141	47	70	117	45	36	99	31	38	69	15	22	37	13	19	32	1	1	2
	235. Disorders of Personality	2	0	2	0	2	2				1	0	1				0	1	1						
	236. Psychopathic Personality	1	1	2	2	2	4	0	1	1	1	0	1	2	2	4	1	0	1						
	237. Other Non-Psychotic Conditions				1	0	1	2	0	2															
	24. Primary Behaviour Disorders										0	2	2				0	1	1						
	25. Remand Cases																			1	0	1			
	Total 1–22	679	592	1,271	696	623	1,319	650	710	1,360	570	619	1,189	491	572	1,063	315	397	712	352	640	992	15	29	44
	Total 23–24	98	111	209	94	88	182	58	84	142	54	60	114	40	44	84	21	26	47	16	21	37	1	1	2
	GRAND TOTAL	777	703	1,480	790	711	1,501	708	794	1,502	624	679	1,303	531	616	1,147	336	423	759	368	661	1,029	16	30	46

TABLE No. 10

PATIENTS IN RESIDENCE* BY HOSPITAL AND AGE

AGE GROUP	TOTAL			Brockville			Cobourg			Fort William			Hamilton			Kingston			Langstaff		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 15	299	201	500	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
15–19	396	358	754	8	1	9	0	64	64	0	0	0	14	9	23	7	5	12	3	0	3
20–24	456	401	857	28	21	49	0	69	69	5	0	5	31	14	45	24	11	35	10	0	10
25–29	589	459	1,048	46	27	73	0	43	43	8	0	8	55	30	85	27	15	42	22	0	22
30–34	648	546	1,194	52	39	91	0	31	31	5	0	5	66	43	109	40	21	61	36	0	36
35–39	769	597	1,366	56	55	111	0	21	21	12	0	12	82	57	139	55	40	95	49	0	49
40–44	777	703	1,480	83	67	150	0	16	16	12	0	12	81	85	166	65	70	135	58	0	58
45–49	790	711	1,501	61	60	121	0	20	20	12	0	12	93	85	178	88	67	155	55	0	55
50–54	708	794	1,502	68	75	143	0	20	20	7	0	7	88	85	173	79	78	157	33	0	33
55–59	624	679	1,303	43	52	95	0	30	30	9	0	9	83	80	163	64	82	146	37	0	37
60–64	531	616	1,147	49	51	100	0	19	19	7	0	7	65	69	134	68	82	150	20	0	20
65–69	336	423	759	28	39	67	0	20	20	1	0	1	46	51	97	34	30	64	18	0	18
70 and over	368	661	1,029	43	51	94	0	40	40	2	0	2	55	88	143	45	62	107	1	0	1
Not stated	16	30	46	9	10	19	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0
All Ages	7,307	7,179	14,486	574	548	1,122	0	393	393	80	0	80	760	696	1,456	597	564	1,161	342	0	342

* Includes patients boarding-out.

TABLE No. 10—(Concluded)

PATIENTS IN RESIDENCE* BY HOSPITAL AND AGE

AGE GROUP	London			New Toronto			Orillia			Penetang			Toronto			Whitby			Woodstock		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 15	0	0	0	0	1	1	290	186	476	0	0	0	0	0	0	0	0	0	9	13	22
15–19	6	6	12	10	10	20	280	224	504	29	4	33	12	8	20	5	7	12	22	20	42
20–24	20	19	39	46	20	66	164	157	321	38	10	48	29	18	47	26	16	42	35	46	81
25–29	51	35	86	75	40	115	97	113	210	29	19	48	36	36	72	75	42	117	68	59	127
30–34	73	59	132	77	72	149	62	77	139	47	24	71	59	56	115	62	56	118	69	68	137
35–39	77	72	149	89	70	159	46	60	106	55	16	71	72	68	140	86	73	159	90	65	155
40–44	95	101	196	93	71	164	28	38	66	26	16	42	98	78	176	82	94	176	56	67	123
45–49	95	98	193	83	87	170	23	28	51	37	33	70	82	68	150	91	108	199	70	57	127
50–54	83	105	188	83	85	168	13	34	47	43	29	72	53	82	135	103	143	246	55	58	113
55–59	79	89	168	68	83	151	15	27	42	27	31	58	58	67	125	85	103	188	56	35	91
60–64	71	87	158	56	74	130	4	24	28	17	29	46	47	54	101	83	100	183	44	27	71
65–69	58	64	122	33	53	86	1	12	13	9	8	17	30	39	69	47	71	118	31	36	67
70 and over	61	121	182	39	69	108	3	13	16	4	3	7	41	66	107	42	109	151	32	39	71
Not stated	0	0	0	1	18	19	1	1	2	0	0	0	0	0	0	1	1	2	2	0	2
All Ages	769	856	1,625	753	753	1,506	1,027	994	2,021	361	222	583	617	640	1,257	788	923	1,711	639	590	1,229

* Includes patients boarding-out.

TABLE No. 11
PATIENTS IN RESIDENCE* BY HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	TOTAL			BROCKVILLE			COBOURG			FORT WILLIAM			HAMILTON			KINGSTON			LANGSTAFF		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	414	90	504	47	10	57				7	0	7	59	9	68	23	7	30	5	0	5
	02. With other forms of Syphilis	18	12	30	1	2	3							2	0	2						
	03. With Epidemic Encephalitis	20	15	35	1	1	2							2	0	2	4	1	5			
	04. With other Infectious Diseases	4	7	11	2	1	3															
	05. Alcoholic Psychoses	42	9	51	1	1	2	0	1	1	3	0	3	4	1	5				4	0	4
	06a. Due to Opium and Other Drugs	1	4	5																		
	06b. Due to other Exogenous Toxins	1	1	2																		
	07. Traumatic Psychoses	19	2	21	2	0	2				1	0	1	3	0	3	1	0	1	2	0	2
	08. With Cerebral Arteriosclerosis	193	176	369	32	12	44	0	1	1	5	0	5	39	54	93	12	3	15	3	0	3
	09. With other Disturbances of Circulation	4	7	11	0	1	1				1	0	1	0	1	1	2	1	3			
	10. With Convulsive Disorders (Epilepsy)	215	191	406	3	2	5				1	0	1	10	5	15	7	10	17			
	11. Senile Psychoses	146	237	383	24	23	47	0	7	7	2	0	2	18	21	39	19	24	43			
	12. Involutional Psychoses	69	172	241	5	15	20	0	2	2				13	23	36	5	10	15	2	0	2
	13. Due to other Metabolic, etc., Diseases	5	56	61	0	4	4							2	10	12	0	4	4			
	14. Due to New Growth	3	2	5													0	2	2			
	15. With Organic Changes of Nervous System	41	24	65	2	1	3	0	1	1				10	5	15	1	1	2			
	16. Psychoneuroses	35	54	89	2	11	13				1	0	1	8	9	17	7	9	16	2	0	2
	17. Manic-Depressive Psychoses	500	670	1,170	39	71	110	0	5	5	6	0	6	40	58	98	71	75	146	14	0	14
	18. Dementia Praecox (Schizophrenia)	3,386	3,259	6,645	337	334	671	0	98	98	40	0	40	424	419	843	300	318	618	221	0	221
	19. Paranoia and Paranoid Conditions	117	117	234	4	4	8	0	2	2	3	0	3	9	6	15	39	14	53	6	0	6
	20. With Psychopathic Personality	19	10	29	1	0	1							2	0	2	5	2	7	1	0	1
	21. With Mental Deficiency	302	285	587	35	30	65	0	15	15	1	0	1	45	35	80	43	43	86	26	0	26
	22. Undiagnosed Psychoses	18	22	40	0	1	1							0	2	2	2	2	4	2	0	2
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	69	50	119	0	1	1				1	0	1	1	0	1	3	0	3			
	231b. Epileptics who are Feebleminded	202	241	443	2	1	3				1	0	1				2	0	2	1	0	1
	232. Alcoholism	9	2	11	1	1	2															
	233. Drug Addiction	2	4	6										1	2	3						
	234. Mental Deficiency	1,416	1,446	2,862	30	21	51	0	261	261	7	0	7	65	34	99	49	37	86	53	0	53
	235. Disorders of Personality	4	4	8										1	1	2						
	236. Psychopathic Personality	17	6	23	2	0	2							2	1	3	2	0	2			
	237. Other Non-Psychotic Conditions	11	0	11	1	0	1															
	24. Primary Behaviour Disorders	4	4	8													0	1	1			
	25. Remand Cases	1	0	1																		
	TOTAL 1–22	5,572	5,422	10,994	538	524	1,062	0	132	132	71	0	71	690	658	1,348	541	526	1,067	288	0	288
	TOTAL 23–25	1,735	1,757	3,492	36	24	60	0	261	261	9	0	9	70	38	108	56	38	94	54	0	54
	GRAND TOTAL	7,307	7,179	14,486	574	548	1,122	0	393	393	80	0	80	760	696	1,456	597	564	1,161	342	0	342

* Includes Patients boarding-out.

TABLE No. 11—(Concluded)
PATIENTS IN RESIDENCE* BY HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	London			New Toronto			Orillia			Penetang			Toronto			Whitby			Woodstock		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	59	12	71	45	20	65	1	0	1				103	26	129	48	4	52	17	2	19
	02. With other forms of Syphilis	1	3	4	0	2	2				4	0	4	7	5	12	2	0	2	1	0	1
	03. With Epidemic Encephalitis	3	5	8	5	4	9							0	2	2	4	0	4	1	2	3
	04. With other Infectious Diseases				0	2	2							1	2	3				1	2	3
	05. Alcoholic Psychoses	4	0	4	5	1	6							6	5	11	14	0	14	1	0	1
	06a. Due to Opium and Other Drugs	0	1	1	1	3	4															
	06b. Due to other Exogenous Toxins				1	1	2															
	07. Traumatic Psychoses	4	1	5	0	1	1				1	0	1	2	0	2	3	0	3			
	08. With Cerebral Arteriosclerosis	22	18	40	20	20	40				1	0	1	35	43	78	12	19	31	12	6	18
	09. With other Disturbances of Circulation				0	1	1							0	1	1	0	2	2	1	0	1
	10. With Convulsive Disorders (Epilepsy)	9	3	12	1	6	7	2	2	4	15	4	19	6	8	14	3	4	7	158	147	305
	11. Senile Psychoses	24	45	69	22	42	64				2	1	3	15	23	38	17	49	66	3	2	5
	12. Involutional Psychoses	4	31	35	7	26	33							6	15	21	23	45	68	4	5	9
	13. Due to other Metabolic, etc., Diseases	2	14	16	0	2	2							1	3	4	0	19	19			
	14. Due to New Growth	1	0	1	1	0	1										1	0	1			
	15. With Organic Changes of Nervous System	9	6	15							3	0	3	11	6	17	5	4	9			
	16. Psychoneuroses	3	10	13	1	0	1				0	1	1	4	4	8	5	7	12	2	3	5
	17. Manic-Depressive Psychoses	71	124	195	94	81	175				36	23	59	35	61	96	81	154	235	13	18	31
	18. Dementia Praecox (Schizophrenia)	445	490	935	440	450	890	0	1	1	157	94	251	303	355	658	487	513	1,000	232	187	419
	19. Paranoia and Paranoid Conditions	13	12	25	15	20	35				6	1	7	6	5	11	16	50	66	0	3	3
	20. With Psychopathic Personality	1	5	6	0	2	2				5	0	5	1	0	1	3	0	3	0	1	1
	21. With Mental Deficiency	43	34	77	23	18	41	2	20	22	13	6	9	36	50	86	29	29	58	6	5	11
	22. Undiagnosed Psychoses	4	5	9	6	10	16							2	2	4	2	0	2			
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded				1	0	1				10	0	10	0	2	2				53	47	100
	231b. Epileptics who are Feebleminded	1	0	1				105	107	212	2	3	5	1	1	2				87	129	216
	232. Alcoholism	2	0	2													6	1	7			
	233. Drug Addiction	1	1	2	0	1	1															
	234. Mental Deficiency	42	35	77	63	40	103	914	864	1,778	96	87	183	32	21	53	23	15	38	42	31	73
	235. Disorders of Personality	0	1	1							1	2	3				1	0	1	1	0	1
	236. Psychopathic Personality	1	0	1							9	0	9				1	5	6			
	237. Other Non-Psychotic Conditions				2	0	2							3	0	3	1	0	1	4	0	4
	24. Primary Behaviour Disorders							3	0	3							1	3	4			
	25. Remand Cases													1	0	1						
	Total 1–22	722	819	1,541	687	712	1,399	5	23	28	243	130	373	580	616	1,196	755	899	1,654	452	383	835
	Total 23–25	47	37	84	66	41	107	1,022	971	1,993	118	92	210	37	24	61	33	24	57	187	207	394
	GRAND TOTAL	769	856	1,625	753	753	1,506	1,027	994	2,021	361	222	583	617	640	1,257	788	923	1,711	639	590	1,229

* Includes patients boarding-out.

TABLE No. 12

METHOD OF ADMISSION BY HOSPITAL

	METHOD OF ADMISSION	All Hospitals			Brockville			Cobourg			Fort William			Hamilton			Kingston			Langstaff		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
First Admissions	Voluntary Application	85	60	145	1	4	5				3	0	3	3	4	7	18	9	27			
	Two Physician's Certificates	800	883	1,683	76	87	163	0	42	42	23	0	23	110	118	228	73	68	141			
	Warrant of Deputy Minister	201	90	291	0	1	1	0	4	4	32	0	32	27	8	35	4	3	7			
	Warrant of Lieutenant-Governor	27	23	50	1	0	1	0	8	8	1	0	1	7	0	7						
	Order of Magistrate	71	9	80	4	1	5				17	0	17	7	0	7	19	1	20			
	Warrant of Minister of Justice	3	0	3													2	0	2			
	Warrant of Deputy Minister for Person Deported	4	2	6													0	1	1			
	Habitue—Voluntary	1	0	1													1	0	1			
	Habitue—Temporary Committment	0	0	0																		
	Habitue—Warrant of Deputy Minister for Removal	12	7	19																		
	Inspector's Warrant	14	12	26																		
	Total	1,218	1,086	2,304	82	93	175	0	54	54	76	0	76	154	130	284	117	82	199	0	0	0
Re-Admissions	Voluntary Application	70	45	115	8	5	13							4	0	4	16	8	24			
	Two Physician's Certificates	184	275	459	28	26	54	0	2	2	4	0	4	31	53	84	16	32	48			
	Warrant of Deputy Minister	34	18	52	1	0	1	0	1	1	3	0	3	6	4	10						
	Warrant of Lieutenant-Governor	5	3	8										2	1	3						
	Order of Magistrate	18	3	21	1	1	2				3	0	3	2	1	3	1	0	1			
	Warrant of Minister of Justice	1	0	1													1	0	1			
	Warrant of Deputy Minister for Person Deported	10	3	13	0	2	2										2	0	2			
	Habitue—Voluntary	3	0	3													1	0	1			
	Habitue—Temporary Committment	0	1	1													0	1	1			
	Habitue—Warrant of Deputy Minister for Removal	9	3	12	1	0	1							0	2	2						
	Inspector's Warrant	7	4	11																		
	Total	341	355	696	39	34	73	0	3	3	10	0	10	45	61	106	37	41	78	0	0	0

TABLE No. 12—(Concluded)

METHOD OF ADMISSION BY HOSPITAL

	METHOD OF ADMISSION	London			New Toronto			Orillia			Penetang			Toronto			Whitby			Woodstock		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
First Admissions	Voluntary Application	13	10	23	0	5	5							10	0	10	28	25	53	9	3	12
	Two Physician's Certificates	99	128	227	69	79	148	90	66	156	8	4	12	108	107	215	95	149	244	49	35	84
	Warrant of Deputy Minister	9	5	14	78	42	120	2	3	5				29	18	47	15	2	17	5	4	9
	Warrant of Lieutenant-Governor	0	1	1	4	0	4	6	11	17	1	0	1	5	3	8	1	0	1	1	0	1
	Order of Magistrate	17	2	19	3	2	5							2	1	3	2	2	4			
	Warrant of Minister of Justice										1	0	1									
	Warrant of Deputy Minister for Person Deported	1	0	1	1	0	1							2	1	3						
	Habitue—Voluntary																					
	Habitue—Temporary Committment																					
	Habitue—Warrant of Deputy Minister for Removal	1	1	2	1	2	3							1	0	1	9	4	13			
	Inspector's Warrant													11	8	19	3	4	7			
	Total	140	147	287	156	130	286	98	80	178	10	4	14	168	138	306	153	186	339	64	42	106
Re-Admissions	Voluntary Application	10	6	16	0	2	2							3	2	5	27	22	49	2	0	2
	Two Physician's Certificates	23	46	69	18	21	39	6	8	14	5	2	7	18	35	53	28	46	74	7	4	11
	Warrant of Deputy Minister	0	3	3	9	4	13				1	0	1	6	4	10	6	2	8	2	0	2
	Warrant of Lieutenant-Governor	1	0	1				0	1	1	1	0	1	1	1	2						
	Order of Magistrate	8	0	8	0	1	1							3	0	3						
	Warrant of Minister of Justice																					
	Warrant of Deputy Minister for Person Deported	6	0	6										1	1	2	1	0	1			
	Habitue—Voluntary													1	0	1				1	0	1
	Habitue—Temporary Committment																					
	Habitue—Warrant of Deputy Minister for Removal	1	0	1													7	1	8			
	Inspector's Warrant													4	2	6	3	2	5			
	Total	49	55	104	27	28	55	6	9	15	7	2	9	37	45	82	72	73	145	12	4	16

TABLE No. 13

METHOD OF ADMISSION — FIRST AND RE-ADMISSIONS

METHOD OF ADMISSION	First Admissions			Re-Admissions		
	M.	F.	T.	M.	F.	T.
1. Voluntary Application (Sec. 19) (Form 1)...	85	60	145	70	45	115
2. Two Physician's Certificates (Sec. 20) Form 2, 3, or 26).....	800	883	1,683	184	275	459
Mentally Ill (Form 2).....	654	733	1,387	166	262	428
Mentally Defective (Form 3).....	106	122	228	9	10	19
Epileptic (Form 26).....	40	28	68	9	3	12
3. Warrant of Deputy Minister (Sec. 25-30) (Form 11).....	201	90	291	34	18	52
4. Warrant of Lieutenant-Governor (Sec. 32)...	27	23	50	5	3	8
5. Order of Magistrate (Sec. 35) (Form 16)....	71	9*	80	18	3	21
Certificated	39	8	47	14	1	15
Discharged to Court	32	0	32	4	2	6
6. Warrant of Minister of Justice (Under Penitentiary Act)	3	0	3	1	0	1
7. Warrant of Deputy Minister for person deported (Sec. 64) (Form 36).....	4	2	6	10	3	13
8. Habitue — Voluntary (Sec. 46) (Form 20)...	1	0	1	3	0	3
9. Habitue—Temporary Committment Two Physician's Certificates, 30 days, (Sec. 52-53) (Form 25).....	0	0	0	0	1	1
Certificated	0	0	0	0	0	0
Discharged	0	0	0	0	1	1
10. Habitue—Warrant of Deputy Minister for Removal (Sec. 47-51) (Form 24).....	12	7	19	9	3	12
11. Inspector's Warrant Psychiatric Hospitals Act (Sec. 9 (3)	14	12	26	7	4	11
Total	1,218	1,086	2,304	341	355	696

*Includes 1 female patient who died

TABLE No. 14

ADMISSIONS BY PLACE OF BIRTH AND NATIVITY OF PARENTS

NATIVITY	First Admissions			Re-Admissions			TOTAL		
	M	F	T	M	F	T	M	F	T
Canadian Born	863	823	1,686	267	257	524	1,130	1,080	2.210
Canadian born parents	478	392	870	143	154	297	621	546	1,167
British born parents	139	171	310	50	46	96	189	217	406
Foreign born parents	45	47	92	17	8	25	62	55	117
Mixed parentage	77	88	165	26	21	47	103	109	212
Unknown parentage	124	125	249	31	28	59	155	153	308
British born	154	164	318	37	66	103	191	230	421
Foreign born	195	90	285	36	32	68	231	122	353
Unknown	6	9	15	1	0	1	7	9	16
Total	1,218	1,086	2,304	341	355	696	1,559	1,441	3,000

TABLE No. 15

LENGTH OF RESIDENCE IN CANADA PREVIOUS TO ADMISSIONS

BRITISH AND FOREIGN BORN ADMISSIONS

LENGTH OF RESIDENCE IN CANADA	First Admissions			Re-Admissions			TOTAL		
	M	F	T	M	F	T	M	F	T
Under 5 years	8	9	17	2	0	2	10	9	19
5 - 9 years	6	13	19	2	4	6	8	17	25
10 - 14 years	68	29	97	12	10	22	80	39	119
15 years and over	232	192	424	56	80	136	288	272	560
Not Stated	35	11	46	1	4	5	36	15	51
TOTAL	349	254	603	73	98	171	422	352	774

TABLE No. 16

ADMISSIONS BY CITIZENSHIP

CITIZENSHIP	First Admissions			Re-Admissions			TOTAL		
	M	F	T	M	F	T	M	F	T
Canadian by birth	863	823	1,686	267	257	524	1,130	1.080	2,210
British born who have resided in Canada five years or more	145	158	303	38	64	102	183	222	405
British born with less than five years residence in Canada	2	4	6	0	0	0	2	4	6
British born, length of residence unknown	7	6	13	0	2	2	7	8	15
Alien born (naturalized)	6	2	8	0	1	1	6	3	9
Alien born with five years or more residence in Canada	165	77	242	29	29	58	194	106	300
Alien born with less than five years residence	7	5	12	6	0	6	13	5	18
Alien born, duration of residence unknown	18	7	25	1	2	3	19	9	28
Not given	5	4	9	0	0	0	5	4	9
TOTAL	1,218	1,086	2,304	341	355	696	1,559	1,441	3,000

TABLE No. 17

FIRST ADMISSIONS AND RE-ADMISSIONS BY AGE AND SEX

AGE GROUP	First Admissions			Re-Admissions			Total Admissions		
	M.	F	T.	M.	F	T.	M.	F	T.
Under 10 years	34	28	62	0	1	1	34	29	63
10 - 14	43	34	77	3	1	4	46	35	81
15 - 19	86	108	194	7	10	17	93	118	211
20 - 24	100	79	179	31	18	49	131	97	228
25 - 29	120	93	213	48	22	70	168	115	283
30 - 34	96	88	184	40	47	87	136	135	271
35 - 39	130	105	235	41	39	80	171	144	315
40 - 44	112	76	188	31	50	81	143	126	269
45 - 49	93	70	163	28	40	68	121	110	231
50 - 54	84	92	176	32	37	69	116	129	245
55 - 59	69	63	132	29	30	59	98	93	191
60 - 64	68	79	147	20	28	48	88	107	195
65 - 69	55	43	98	19	15	34	74	58	132
70 and over	127	127	254	12	17	29	139	144	283
Not Stated	1	1	2	0	0	0	1	1	2
ALL AGES	1,218	1,086	2,304	341	355	696	1,559	1,441	3,000

TABLE No. 1

FIRST AND RE-ADMISSIONS BY DIAGNOSIS

DIAGNOSIS	First Admissions			Re-Admissions		
	M.	F.	T.	M.	F.	T.
01 Psychoses with Syphilitic Meningo-Encephalitis (General Paresis)	93	25	118	11	2	13
02 Psychoses with other Forms of Syphilis of Central Nervous System	3	4	7	1	1	2
021 Meningo-vascular type (cerebral syphilis)	1	1	2	1	1	2
022 With intracranial gumma	—	—	—	—	—	—
023 Other types	2	3	5	—	—	—
03 Psychoses with Epidemic Encephalitis	2	1	3	0	0	0
04 Psychoses with other Infectious Diseases	5	3	8	0	0	0
041 With tuberculous meningitis	1	0	1	—	—	—
042 With meningitis (unspecified)	—	—	—	—	—	—
043 With acute chorea (Sydenham's)	—	—	—	—	—	—
044 With other infectious disease	—	—	—	—	—	—
045 Post-infectious psychoses	4	1	5	—	—	—
05 Alcoholic Psychoses	27	5	32	6	2	8
051 Pathological intoxication	2	0	2	—	—	—
052 Delirium tremens	8	1	9	1	1	2
053 Korsakow's psychosis	2	1	3	—	—	—
054 Acute hallucinosis	8	2	10	4	1	5
055 Other types	7	1	8	1	0	1
06 Psychoses due to Drugs or other Exogenous Poisons	3	16	19	1	4	5
061 Due to metals	0	1	1	—	—	—
062 Due to gases	—	—	—	—	—	—
063 Due to opium and derivatives	0	1	1	—	—	—
064 Due to other drugs	3	14	17	1	4	5
07 Traumatic Psychoses	8	0	8	0	0	0
071 Traumatic delirium	—	—	—	—	—	—
072 Post-traumatic personality disorders	2	0	2	—	—	—
073 Post traumatic mental deteriorations	2	0	2	—	—	—
074 Other types	4	0	4	—	—	—
08 Psychoses with Cerebral Arteriosclerosis	104	85	189	8	6	14
09 Psychoses with other Disturbances of Circulation	12	11	23	0	0	0
091 With cerebral embolism	3	2	5	—	—	—
092 With cardio-renal disease	2	6	8	—	—	—
093 Other types	7	3	10	—	—	—
10 Psychoses with Convulsive Disorders (epilepsy)	24	21	45	8	5	13
101 Epileptic deterioration	7	7	14	3	4	7
102 Epileptic clouded states	15	9	24	3	0	3
103 Other epileptic types	2	5	7	2	1	3
11 Senile Psychoses	96	104	200	4	5	9
111 Simple deterioration	53	65	118	1	1	2
112 Presbyophrenic type	2	4	6	—	—	—
113 Delirious and confused types	25	9	34	1	0	1
114 Depressed and agitated types	5	10	15	1	3	4
115 Paranoidt ypes	11	16	27	1	1	2
12 Involutional Psychoses	25	66	91	8	11	19
121 Melancholia	22	53	75	6	8	14
122 Paranoid types	3	10	13	2	3	5
123 Other types	0	3	3	—	—	—
13 Psychoses due to other Metabolic, etc., Diseases	8	38	46	0	2	2
131 With diseases of the endocrine glands	0	2	2	0	1	1
132 Exhaustion delirium	3	18	21	—	—	—
133 Alzheimer's disease	0	2	2	—	—	—
134 With pellagra	—	—	—	—	—	—
135 With other somatic diseases	5	16	21	0	1	1
14 Psychoses due to New Growth	2	3	5	0	0	0
141 With intracranial neoplasms	1	2	3	—	—	—
142 With other neoplasms	1	1	2	—	—	—
15 Psychoses with Organic changes of Nervous System	4	6	10	0	2	2
151 With multiple sclerosis	—	—	—	—	—	—
152 With paralysis agitans	0	1	1	—	—	—
153 With Huntington's chorea	1	4	5	0	1	1
154 With other brain or nervous diseases	3	1	4	0	1	1

TABLE No. 18

FIRST AND RE-ADMISSIONS BY DIAGNOSIS—(Concluded)

DIAGNOSIS	First Admissions			Re-Admissions		
	M.	F.	T.	M.	F.	T.
16 Psychoneuroses	47	65	112	5	13	18
161 Hysteria (anxiety hysteria, conversion hysteria and sub groups)	3	12	15	0	2	2
162 Psychasthenia or compulsive states (and sub groups)	2	6	8	1	1	2
163 Neurasthenia	5	6	11	1	3	4
164 Hypochondriasis	2	5	7	0	1	1
165 Reactive depression (simple situational reaction, others)	28	26	54	3	1	4
166 Anxiety state	5	6	11	0	1	1
167 Mixed psychoneurosis	2	4	6	0	4	4
17 Manic-Depressive Psychoses	133	173	306	83	138	221
171 Manic type	50	61	111	35	71	106
172 Depressive type	55	69	124	37	48	85
173 Circular type	1	2	3	0	2	2
174 Mixed type	18	33	51	8	12	20
175 Perplexed type	1	2	3	0	1	1
176 Stuporous type	0	1	1	0	1	1
177 Other types	8	5	13	3	3	6
18 Dementia Praecox (Schizophrenia)	315	189	504	138	113	251
181 Simple type	36	8	44	11	3	14
182 Hebephrenic type	9	13	22	9	9	18
183 Catatonic type	129	75	204	57	54	111
184 Paranoid type	92	69	161	43	38	81
185 Other types	49	24	73	18	9	27
19 Paranoia and Paranoid Conditions	25	15	40	2	5	7
191 Paranoia	4	0	4	—	—	—
192 Paranoid conditions	21	15	36	2	5	7
20 Psychoses with Psychopathic Personality	2	3	5	2	1	3
21 Psychoses with Mental Deficiency	26	26	52	13	10	23
22 Undiagnosed Psychoses	19	9	28	0	2	2
23 Without Psychoses	212	211	423	42	29	71
231a Epileptics not psychotic or feebleminded	32	17	49	5	3	8
231b Epileptics who are feebleminded	24	15	39	2	3	5
231 Alcoholism	15	6	21	11	1	12
233 Drug Addiction	3	4	7	3	4	7
234 Mental Deficiency	118	161	279	17	16	33
234a Idiot	23	22	45	3	2	5
234b Imbecile	48	44	92	7	7	14
234c Moron	44	84	128	3	6	9
234d Grade unspecified	3	11	14	4	1	5
235 Disorders of personality due to epidemic encephalitis	1	1	2	0	0	0
236 Psychopathic personality	4	1	5	2	1	3
236a With pathological sexuality	—	—	—	—	—	—
236b With pathological emotionality	2	0	2	1	0	1
236c With asocial or amoral trends	1	1	2	0	1	1
236d Mixed types	1	0	1	1	0	1
237 Other non-psychotic conditions	15	6	21	2	1	3
24 Primary Behaviour Disorders	6	7	13	6	4	10
241 Simple adult maladjustments	6	7	13	6	4	10
242 Primary behaviour disorders in children	—	—	—	—	—	—
242a Habit disturbance	—	—	—	—	—	—
242b Conduct disturbance	—	—	—	—	—	—
242c Neurotic traits	—	—	—	—	—	—
25 Remand Cases	17	0	17	3	0	3
Total 1–22	983	868	1,851	290	322	612
Total 23–25	235	218	453	51	33	84
GRAND TOTAL	1,218	1,086	2,304	341	355	696

TABLE No. 19

FIRST ADMISSIONS BY HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	All Hospitals	Brockville	Cobourg	Fort William	Hamilton	Kingston	Langstaff	London	New Toronto	Orillia	Penetang	Toronto	Whitby	Woodstock
With Psychosis	01. With Syphilitic Meningo-Encephalitis	118	9		4	23	6		9	10			50	6	1
	02. With other forms of Syphilis	7	1			1	1		1	1			2		
	03. With Epidemic Encephalitis	3					1		1					1	
	04. With other Infectious Diseases	8	3		1					1			2		1
	05. Alcoholic Psychoses	32			5	6	1		4	6			6	4	
	06a. Due to Opium and Other Drugs	14							4	6			1	3	
	06b. Due to other Exogenous Toxins	5				3	1			1					
	07. Traumatic Psychoses	8			2	3				1			1	1	
	08. With Cerebral Arteriosclerosis	189	17		8	31	11		21	22		2	56	20	1
	09. With other Disturbances of Circulation	23	2		1		10		2	1			2	5	
	10. With Convulsive Disorders (Epilepsy)	45	1			4	5		2	1	1		4	4	23
	11. Senile Psychoses	200	17		3	21	25		40	15		1	34	44	
	12. Involutional Psychoses	91	6			19	3		5	7			5	44	2
	13. Due to other Metabolic, etc., Diseases	46	2			5	4		21	1			3	10	
	14. Due to New Growth	5				1	2		1	1					
	15. With Organic Changes of Nervous System	10	1		1	3	1		1				1	2	
	16. Psychoneuroses	112	14		3	19	28		20	4			7	13	4
	17. Manic-Depressive Psychoses	306	17		2	43	24		59	54		3	28	75	1
	18. Dementia Praecox (Schizophrenia)	504	60		26	74	34		62	99		5	68	72	4
	19. Paranoia and Paranoid Conditions	40	1		4	2	12		4	7			2	7	1
	20. With Psychopathic Personality	5			1				2				2		
	21. With Mental Deficiency	52	6	3		11	3		12	2		1	9	5	
	22. Undiagnosed Psychoses	28	2		5	1	1		2	14			3		
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	49	1		1				1	2				1	43
	231b. Epileptics who are Feebleminded	39								1	21				17
	232. Alcoholism	21					4		1	4			1	11	
	233. Drug Addiction	7			1				1	1				4	
	234. Mental Deficiency	279	9	51	6	10	5		7	17	156	2	11	4	1
	235. Disorders of Personality	2				1			1						
	236. Psychopathic Personality	5			1		1		1					1	1
	237. Other Non-Psychotic Conditions	21	4							5			6		6
	24. Primary Behaviour Disorders	13				3	5		2	1				2	
	25. Remand Cases	17	2		1		11			1			2		
	Total 1–22	1,851	159	3	66	270	173	0	273	254	1	12	286	316	38
	Total 23–24	453	16	51	10	14	26	0	14	32	177	2	20	23	68
	GRAND TOTAL	2,304	175	54	76	284	199	0	287	286	178	14	306	339	106

TABLE No. 20

FIRST ADMISSIONS BY PLACE OF RESIDENCE AND DIAGNOSIS

	DIAGNOSIS	URBAN									RURAL (Including incorporated places under 1,000)			TOTAL		
		Population 30,000 and over			Population 10,000 to 30,000			Population 1,000 to 10,000								
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	49	15	64	10	5	15	16	2	18	18	3	21	93	25	118
	02. With other forms of Syphilis	1	2	3	0	1	1	1	0	1	1	1	2	3	4	7
	03. With Epidemic Encephalitis	...	...	...	0	1	1	1	0	1	1	0	1	2	1	3
	04. With other Infectious Diseases	3	1	4	1	0	1	1	1	2	0	1	1	5	3	8
	05. Alcoholic Psychoses	6	3	9	5	1	6	9	1	10	7	0	7	27	5	32
	06a. Due to Opium and Other Drugs	2	2	4	0	3	3	0	2	2	0	5	5	2	12	14
	06b. Due to other Exogenous Toxins	...	...	...	1	2	3	0	1	1	0	1	1	1	4	5
	07. Traumatic Psychoses	2	0	2	3	0	3	2	0	2	1	0	1	8	0	8
	08. With Cerebral Arteriosclerosis	45	55	100	10	8	18	20	10	30	29	12	41	104	85	189
	09. With other Disturbances of Circulation	1	4	5	4	3	7	4	2	6	3	2	5	12	11	23
	10. With Convulsive Disorders (Epilepsy)	9	9	18	3	0	3	1	6	7	11	6	17	24	21	45
	11. Senile Psychoses	28	55	83	12	15	27	19	12	31	37	22	59	96	104	200
	12. Involutional Psychoses	11	29	40	7	12	19	4	8	12	3	17	20	25	66	91
	13. Due to other Metabolic, etc., Diseases	3	15	18	0	9	9	2	5	7	3	9	12	8	38	46
	14. Due to New Growth	1	1	2	1	1	2	0	1	1	...	...	...	2	3	5
	15. With Organic Changes of Nervous System	2	0	2	0	1	1	0	3	3	2	2	4	4	6	10
	16. Psychoneuroses	9	23	32	12	14	26	8	8	16	18	20	38	47	65	112
	17. Manic-Depressive Psychoses	47	87	134	17	22	39	27	22	49	42	42	84	133	173	306
	18. Dementia Praecox (Schizophrenia)	113	91	204	55	24	79	38	20	58	109	54	163	315	189	504
	19. Paranoia and Paranoid Conditions	6	5	11	4	4	8	3	3	6	12	3	15	25	15	40
	20. With Psychopathic Personality	1	2	3	1	1	2	...	...	...	...	...	...	2	3	5
	21. With Mental Deficiency	7	8	15	2	3	5	4	2	6	13	13	26	26	26	52
	22. Undiagnosed Psychoses	4	4	8	4	1	5	3	2	5	8	2	10	19	9	28
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	8	5	13	7	5	12	9	4	13	8	3	11	32	17	49
	231b. Epileptics who are Feebleminded	5	3	8	8	6	14	3	2	5	8	4	12	24	15	39
	232. Alcoholism	6	4	10	5	0	5	3	1	4	1	1	2	15	6	21
	233. Drug Addiction	2	1	3	1	1	2	0	2	2	...	...	...	3	4	7
	234. Mental Deficiency	63	72	135	13	10	23	14	32	46	28	47	75	118	161	279
	235. Disorders of Personality	...	...	...	...	...	...	...	...	...	1	1	2	1	1	2
	236. Psychopathic Personality	2	1	3	...	...	...	1	0	1	1	0	1	4	1	5
	237. Other Non-Psychotic Conditions	6	1	7	3	1	4	5	1	6	1	3	4	15	6	21
	24. Primary Behaviour Disorders	1	2	3	2	1	3	1	0	1	2	4	6	6	7	13
	25. Remand Cases	3	0	3	3	0	3	4	0	4	7	0	7	17	0	17
	Total 1–22	350	411	761	152	131	283	163	111	274	318	215	533	983	868	1,851
	Total 23–25	96	89	185	42	24	66	40	42	82	57	63	120	235	218	453
	GRAND TOTAL	446	500	946	194	155	349	203	153	356	375	278	653	1,218	1,086	2,304

TABLE No. 21

FIRST ADMISSIONS BY MARITAL STATUS AND DIAGNOSIS

	DIAGNOSIS	Single			Married			Widowed			Divorced			Separated			Unascertained			TOTAL		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	19	3	22	58	13	71	8	4	12	1	3	4	6	2	8	1	0	1	93	25	118
	02. With other forms of Syphilis	1	2	3	2	1	3	0	1	1										3	4	7
	03. With Epidemic Encephalitis	2	0	2	0	1	1													2	1	3
	04. With other Infectious Diseases	2	1	3	3	2	5													5	3	8
	05. Alcoholic Psychoses	13	1	14	12	4	16	1	0	1				1	0	1				27	5	32
	06a. Due to Opium and Other Drugs				2	11	13	0	1	1										2	12	14
	06b. Due to other Exogenous Toxins	1	0	1	0	4	4													1	4	5
	07. Traumatic Psychoses	5	0	5	3	0	3													8	0	8
	08. With Cerebral Arteriosclerosis	17	13	30	63	40	103	18	31	49	2	1	3	1	0	1	3	0	3	104	85	189
	09. With other Disturbances of Circulation	5	3	8	5	4	9	1	4	5				1	0	1				12	11	23
	10. With Convulsive Disorders (Epilepsy)	18	12	30	5	7	12	0	1	1	1	0	1	0	1	1				24	21	45
	11. Senile Psychoses	20	30	50	39	14	53	34	56	90	1	2	3	1	2	3	1	0	1	96	104	200
	12. Involutional Psychoses	4	13	17	18	42	60	3	10	13	0	1	1							25	66	91
	13. Due to other Metabolic, etc., Diseases	3	4	7	5	29	34	0	4	4				0	1	1				8	38	46
	14. Due to New Growth	0	1	1	2	2	4													2	3	5
	15. With Organic Changes of Nervous System	0	1	1	4	5	9													4	6	10
	16. Psychoneuroses	20	21	41	24	37	61	2	6	8				1	1	2				47	65	112
	17. Manic-Depressive Psychoses	60	54	114	61	96	157	7	17	24	0	1	1	5	5	10				133	173	306
	18. Dementia Praecox (Schizophrenia)	239	96	335	61	73	134	2	12	14	1	1	2	9	7	16	3	0	3	315	189	504
	19. Paranoia and Paranoid Conditions	11	2	13	10	6	16	3	5	8	0	1	1	1	1	2				25	15	40
	20. With Psychopathic Personality	2	0	2	0	3	3													2	3	5
	21. With Mental Deficiency	20	16	36	4	9	13	1	1	2							1	0	1	26	26	52
	22. Undiagnosed Psychoses	8	2	10	11	7	18													19	9	28
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	19	10	29	13	4	17	0	1	1				0	2	2				32	17	49
	231b. Epileptics who are Feebleminded	24	13	37	0	2	2													24	15	39
	232. Alcoholism	4	0	4	10	1	11	0	4	4	1	0	1	0	1	1				15	6	21
	233. Drug Addiction	0	1	1	3	3	6													3	4	7
	234. Mental Deficiency	118	152	270	0	7	7	0	1	1				0	1	1				118	161	279
	235. Disorders of Personality				1	1	2													1	1	2
	236. Psychopathic Personality	4	0	4	0	1	1													4	1	5
	237. Other Non-Psychotic Conditions	9	2	11	6	4	10													15	6	21
	24. Primary Behaviour Disorders	4	2	6	2	5	7													6	7	13
	25. Remand Cases	8	0	8	9	0	9													17	0	17
	Total 1–22	470	275	745	392	410	802	80	153	233	6	10	16	26	20	46	9	0	9	983	868	1,851
	Total 23–25	190	180	370	44	28	72	0	6	6	1	0	1	0	4	4				235	218	453
	GRAND TOTAL	660	455	1,115	436	438	874	80	159	239	7	10	17	26	24	50	9	0	9	1,218	1,086	2,304

TABLE No. 22

FIRST ADMISSIONS BY AGE AND DIAGNOSIS

	DIAGNOSIS	TOTAL			AGE GROUP																				
					Under 10			10–14			15–19			20–24			25–29			30–34			35–39		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	93	25	118							0	1	1	1	0	1	2	3	5	3	1	4	18	4	22
	02. With other forms of Syphilis	3	4	7							0	1	1	1	0	1	1	0	1				0	1	1
	03. With Epidemic Encephalitis	2	1	3										0	1	1				1	0	1			
	04. With other Infectious Diseases	5	3	8							0	1	1	0	1	1	0	1	1	1	0	1	3	0	3
	05. Alcoholic Psychoses	27	5	32													1	0	1	3	2	5	7	1	8
	06a. Due to Opium and Other Drugs	2	12	14													0	1	1	0	1	1	0	1	1
	06b. Due to other Exogenous Toxins	1	4	5										0	1	1							0	1	1
	07. Traumatic Psychoses	8	0	8													2	0	2	1	0	1			
	08. With Cerebral Arteriosclerosis	104	85	189																					
	09. With other Disturbances of Circulation	12	11	23																			0	1	1
	10. With Convulsive Disorders (Epilepsy)	24	21	45				1	2	3	2	1	3	0	1	1	3	1	4	2	4	6	4	2	6
	11. Senile Psychoses	96	104	200																					
	12. Involutional Psychoses	25	66	91																			0	2	2
	13. Due to other Metabolic, etc., Diseases	8	38	46							0	1	1	0	3	3	0	6	6	0	3	3	1	2	3
	14. Due to New Growth	2	3	5													0	1	1				0	1	1
	15. With Organic Changes of Nervous System	4	6	10																			1	0	1
	16. Psychoneuroses	47	65	112				0	1	1	0	3	3	2	7	9	3	16	19	11	4	15	9	10	19
	17. Manic-Depressive Psychoses	133	173	306							12	7	19	10	13	23	13	15	28	14	23	37	15	29	44
	18. Dementia Praecox (Schizophrenia)	315	189	504				0	1	1	30	22	52	64	26	90	72	21	93	39	31	70	39	29	68
	19. Paranoia and Paranoid Conditions	25	15	40													0	2	2	2	0	2	6	1	7
	20. With Psychopathic Personality	2	3	5																1	1	2			
	21. With Mental Deficiency	26	26	52							3	3	6	4	3	7	5	5	10	1	5	6	4	4	8
	22. Undiagnosed Psychoses	19	9	28										2	1	3	2	3	5	1	1	2	1	1	2
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	32	17	49				1	2	3	5	3	8	4	0	4	5	3	8	2	1	3	4	3	7
	231b. Epileptics who are Feebleminded	24	15	39	9	2	11	6	1	7	5	4	9	0	1	1	1	1	2	2	1	3	0	3	3
	232. Alcoholism	15	6	21							1	0	1							3	1	4	4	0	4
	233. Drug Addiction	3	4	7																0	2	2	0	1	1
	234. Mental Deficiency	118	161	279	25	26	51	35	27	62	25	59	84	11	20	31	7	13	20	2	5	7	6	3	9
	235. Disorders of Personality	1	1	2													0	1	1						
	237. Other Non-Psychotic Conditions	4	1	5							0	1	1	1	0	1	2	0	2						
	236. Psychopathic Personality	15	6	21																4	1	5	2	3	5
	24. Primary Behaviour Disorders	6	7	13							2	1	3	0	1	1				0	1	1	1	2	3
	25. Remand Cases	17	0	17							1	0	1				1	0	1	3	0	3	5	0	5
	Total 1–22	983	868	1,851	0	0	0	1	4	5	47	40	87	84	57	141	104	75	179	80	76	156	108	90	198
	Total 23–25	235	218	453	34	28	62	42	30	72	39	68	107	16	22	38	16	18	34	16	12	28	22	15	37
	GRAND TOTAL	1,218	1,086	2,304	34	28	62	43	34	77	86	108	194	100	79	179	120	93	213	96	88	184	130	105	235

TABLE No. 22—(Concluded)

FIRST ADMISSIONS BY AGE AND DIAGNOSIS

	DIAGNOSIS	AGE GROUP																							
		40–44			45–49			50–54			55–59			60–64			65–69			70 and Over			Unascertained		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	20	6	26	18	3	21	14	3	17	5	2	7	10	2	12	1	0	1	1	0	1			
	02. With other forms of Syphilis	0	1	1	1	0	1	0	1	1															
	03. With Epidemic Encephalitis				1	0	1																		
	04. With other Infectious Diseases										1	0	1												
	05. Alcoholic Psychoses	5	1	6	3	0	3	1	0	1	5	1	6	2	0	2									
	06a. Due to Opium and Other Drugs	1	1	2	0	4	4	1	2	3	0	1	1	0	1	1									
	06b. Due to other Exogenous Toxins	0	1	1	1	0	1	0	1	1															
	07. Traumatic Psychoses	1	0	1	1	0	1	2	0	2	1	0	1												
	08. With Cerebral Arteriosclerosis	0	1	1	1	2	3	4	3	7	12	5	17	24	26	50	22	16	38	41	32	73			
	09. With other Disturbances of Circulation				0	1	1	1	2	3	2	3	5	3	2	5	1	0	1	5	2	7			
	10. With Convulsive Disorders (Epilepsy)	5	3	8	1	3	4	1	4	5	3	0	3	1	0	1	1	0	1						
	11. Senile Psychoses										1	1	2	8	9	17	14	10	24	73	84	157			
	12. Involutional Psychoses	1	5	6	6	12	18	7	24	31	4	11	15	2	10	12	3	1	4	2	0	2	0	1	1
	13. Due to other Metabolic, etc., Diseases	2	4	6	1	2	3	2	5	7	1	6	7	1	3	4	0	1	1	0	2	2			
	14. Due to New Growth	0	1	1							1	0	1				1	0	1						
	15. With Organic Changes of Nervous System	1	1	2				1	0	1	1	1	2	0	4	4									
	16. Psychoneuroses	9	8	17	2	2	4	7	7	14	2	3	5	1	1	2	2	2	4						
	17. Manic-Depressive Psychoses	18	15	33	8	13	21	16	21	37	10	17	27	10	11	21	6	5	11	1	4	5			
	18. Dementia Praecox (Schizophrenia)	28	19	47	26	14	40	10	8	18	5	8	13	1	7	8	0	3	3	1	0	1			
	19. Paranoia and Paranoid Conditions	5	1	6	5	3	8	2	3	5	2	1	3	1	2	3	1	1	2	1	1	2			
	20. With Psychopathic Personality				1	1	2	0	1	1															
	21. With Mental Deficiency				2	2	4	2	1	3	3	2	5				1	1	2				1	0	1
	22. Undiagnosed Psychoses	4	0	4	2	1	3	3	1	4	2	0	2	1	0	1	1	0	1	0	1	1			
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	2	2	4	3	2	5	4	0	4	1	0	1	1	1	2									
	231b. Epileptics who are Feebleminded	1	1	2				0	1	1															
	232. Alcoholism	2	2	4	3	1	4	0	1	1	2	0	2							0	1	1			
	233. Drug Addiction	1	0	1	2	1	3																		
	234. Mental Deficiency	4	2	6	0	2	2	2	2	4	1	1	2				0	1	1						
	235. Disorders of Personality										1	0	1												
	237. Other Non-Psychotic Conditions	1	0	1																					
	236. Psychopathic Personality	0	1	1	4	0	4	2	1	3	1	0	1	1	0	1				1	0	1			
	24. Primary Behaviour Disorders				0	1	1	1	0	1	2	0	2				0	1	1						
	25. Remand Cases	1	0	1	1	0	1	1	0	1				1	0	1	2	0	2	1	0	1			
	Total 1–22	100	68	168	80	63	143	74	87	161	61	62	123	65	78	143	53	41	94	125	126	251	1	1	2
	Total 23–25	12	8	20	13	7	20	10	5	15	8	1	9	3	1	4	2	2	4	2	1	3	0	0	0
	GRAND TOTAL	112	76	188	93	70	163	84	92	176	69	63	132	68	79	147	55	43	98	127	127	254	1	1	2

TABLE No. 23

FIRST ADMISSIONS BY RACIAL ORIGIN AND DIAGNOSIS

	DIAGNOSIS	TOTAL			English			Irish			Scotch			French			German			Hebrew			Italian		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	93	25	118	29	7	36	9	2	11	8	3	11	9	4	13	2	0	2	1	0	1	2	1	3
	02. With other forms of Syphilis	3	4	7	2	1	3							0	2	2									
	03. With Epidemic Encephalitis	2	1	3	1	0	1							1	0	1									
	04. With other Infectious Diseases	5	3	8	2	1	3	0	1	1				1	1	2									
	05. Alcoholic Psychoses	27	5	32	7	2	9	5	2	7	4	1	5	1	0	1	1	0	1				1	0	1
	06a. Due to Opium and Other Drugs	2	12	14	2	6	8	0	1	1	0	3	3	0	2	2									
	06b. Due to other Exogenous Toxins	1	4	5	1	1	2				0	1	1	0	1	1									
	07. Traumatic Psychoses	8	0	8	2	0	2	2	0	2	1	0	1				1	0	1						
	08. With Cerebral Arteriosclerosis	104	85	189	41	41	82	19	13	32	18	12	30	6	5	11	5	3	8	1	2	3	1	1	2
	09. With other Disturbances of Circulation	12	11	23	5	4	9	3	4	7	2	1	3	0	2	2	1	0	1						
	10. With Convulsive Disorders (Epilepsy)	24	21	45	13	11	24	6	2	8	2	1	3	0	2	2	2	2	4						
	11. Senile Psychoses	96	104	200	49	52	101	14	25	39	15	16	31	10	6	16	4	1	5	1	0	1			
	12. Involutional Psychoses	25	66	91	10	31	41	8	14	22	1	5	6	0	5	5	0	4	4				0	1	1
	13. Due to other Metabolic, etc., Diseases	8	38	46	4	17	21	1	7	8	2	5	7	0	1	1	0	3	3						
	14. Due to New Growth	2	3	5	1	1	2							0	1	1									
	15. With Organic Changes of Nervous System	4	6	10	2	3	5	0	1	1	0	1	1	0	1	1	1	0	1						
	16. Psychoneuroses	47	65	112	21	38	59	8	7	15	5	4	9	4	8	12	2	2	4	0	2	2			
	17. Manic-Depressive Psychoses	133	173	306	54	71	125	21	28	49	17	26	43	13	12	25	2	6	8	3	3	6	5	2	7
	18. Dementia Praecox (Schizophrenia)	315	189	504	102	77	179	40	21	61	30	17	47	47	23	70	16	7	23	5	3	8	5	3	8
	19. Paranoia and Paranoid Conditions	25	15	40	8	6	14	2	1	3	4	3	7	1	2	3	3	0	3						
	20. With Psychopathic Personality	2	3	5	1	1	2	0	1	1															
	21. With Mental Deficiency	26	26	52	13	12	25	3	3	6	3	2	5	3	7	10	1	0	1				1	1	2
	22. Undiagnosed Psychoses	19	9	28	3	3	6	2	1	3	2	1	3	3	1	4	1	0	1	0	1	1	1	0	1
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	32	17	49	3	6	18	3	4	7	4	2	6	7	1	8	2	2	4				1	0	1
	231b. Epileptics who are Feebleminded	24	15	39	7	6	13	6	1	7	2	2	4	5	3	8									
	232. Alcoholism	15	6	21	7	2	9	4	2	6	2	0	2	0	1	1									
	233. Drug Addiction	3	4	7	0	3	3	1	0	1										1	0	1			
	234. Mental Deficiency	118	161	279	45	73	118	11	12	23	6	14	20	15	17	32	4	3	7	3	5	8	1	3	4
	235. Disorders of Personality	1	1	2	0	1	1				1	0	1												
	236. Psychopathic Personality	4	1	5	3	1	4							1	0	1									
	237. Other Non-Psychotic Conditions	15	6	21	2	0	2	2	1	3				2	2	4				1	0	1	4	0	4
	24. Primary Behaviour Disorders	6	7	13	1	4	5	2	1	3	1	1	2				1	0	1						
	25. Remand Cases	17	0	17	7	0	7	2	0	2	3	0	3	3	0	3	1	0	1						
	Total 1–22	983	868	1,851	373	386	759	143	134	277	114	102	216	99	86	185	42	28	70	11	11	22	16	9	25
	Total 23–25	235	218	453	84	96	180	31	21	52	19	19	38	33	24	57	8	5	13	5	5	10	6	3	9
	GRAND TOTAL	1218	1086	2304	457	482	939	174	155	329	133	121	254	132	110	242	50	33	83	16	16	32	22	12	34

TABLE No. 23—(Concluded)

FIRST ADMISSIONS BY RACIAL ORIGIN AND DIAGNOSIS

	DIAGNOSIS	Slavonic			Scandinavian			Other European Races			Chinese and Japanese			Other Asiatic Races			American Indian			Others			Unspecified		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	7	0	7	4	0	4	14	2	16	7	0	7				0	1	1	0	1	1	1	4	5
	02 With other forms of Syphilis										1	0	1							0	1	1			
	03. With Epidemic Encephalitis							0	1	1															
	04. With other Infectious Diseases	1	0	1				1	0	1															
	05. Alcoholic Psychoses	1	0	1	4	0	4	2	0	2													1	0	1
	06a. Due to Opium and Other Drugs																0	1	1						
	06b. Due to other Exogenous Toxins																								
	07. Traumatic Psychoses				2	0	2																		
	08. With Cerebral Arteriosclerosis	4	2	6	3	0	3	1	3	4										1	0	1	4	3	7
	09. With other Disturbances of Circulation				1	0	1																		
	10. With Convulsive Disorders (Epilepsy)				0	1	1	1	1	2													0	1	1
	11. Senile Psychoses				1	0	1	0	1	1	1	0	1	1	0	1							0	3	3
	12. Involutional Psychoses	2	0	2	2	0	2	2	2	4													0	4	4
	13. Due to other Metabolic, etc., Diseases	0	1	1				1	2	3							0	1	1	0	1	1			
	14. Due to New Growth				0	1	1	1	0	1															
	15. With Organic Changes of Nervous System	1	0	1																					
	16. Psychoneuroses	4	1	5	1	2	3	1	0	1										0	1	1	1	0	1
	17. Manic-Depressive Psychoses	7	5	12	1	3	4	9	11	20							0	3	3				1	3	4
	18. Dementia Praecox (Schizophrenia)	22	12	34	14	4	18	21	15	36	1	0	1				1	2	3				11	5	16
	19. Paranoia and Paranoid Conditions	1	0	1	1	0	1	4	3	7													1	0	1
	20. With Psychopathic Personality				1	0	1													0	1	1			
	21. With Mental Deficiency																1	0	1				1	1	2
	22. Undiagnosed Psychoses				3	0	3	3	2	5	1	0	1												
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	1	1	2	1	0	1	0	1	1													1	0	1
	231b. Epileptics who are Feebleminded	0	1	1				1	1	2							0	1	1				3	0	3
	232. Alcoholism							1	0	1							0	1	1				1	0	1
	233. Drug Addiction	1	0	1				0	1	1															
	234. Mental Deficiency	9	4	13	2	1	3	2	2	4	1	0	1	1	1	2	0	1	1	1	0	1	17	25	42
	235. Disorders of Personality																								
	236. Psychopathic Personality																								
	237. Other Non-Psychotic Conditions	2	1	3	1	0	1	0	2	2													1	0	1
	24. Primary Behaviour Disorders				1	0	1																0	1	1
	25. Remand Cases																						1	0	1
	Total 1–22	50	21	71	38	11	49	61	43	104	11	0	11	1	0	1	2	8	10	1	5	6	21	24	45
	Total 23–25	13	7	20	5	1	6	4	7	11	1	0	1	1	1	2	0	3	3	1	0	1	24	26	50
	GRAND TOTAL	63	28	91	43	12	55	65	50	115	12	0	12	2	1	3	2	11	13	2	5	7	45	50	95

TABLE

FIRST ADMISSIONS BY EDUCATIONAL

	DIAGNOSIS	Illiterate			Reads Only		
		M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	4	1	5	1	0	1
	02. With other forms of Syphilis	0	1	1	–	–	–
	03. With Epidemic Encephalitis	–	–	–	–	–	–
	04. With other Infectious Diseases	1	0	1	–	–	–
	05. Alcoholic Psychoses	1	0	1	–	–	–
	06a. Due to Opium and Other Drugs	–	–	–	–	–	–
	06b. Due to other Exogenous Toxins	–	–	–	–	–	–
	07. Traumatic Psychoses	–	–	–	–	–	–
	08. With Cerebral Arteriosclerosis	7	2	9	–	–	–
	09. With other Disturbances of Circulation	1	0	1	–	–	–
	10. With Convulsive Disorders (Epilepsy)	1	0	1	–	–	–
	11. Senile Psychoses	2	11	13	2	1	3
	12. Involutional Psychoses	1	2	3	–	–	–
	13. Due to other Metabolic, etc., Diseases	–	–	–	–	–	–
	14. Due to New Growth	–	–	–	–	–	–
	15. With Organic Changes of Nervous System	–	–	–	–	–	–
	16. Psychoneuroses	3	1	4	–	–	–
	17. Manic-Depressive Psychoses	2	2	4	1	0	1
	18. Dementia Praecox (Schizophrenia)	8	3	11	2	0	2
	19. Paranoia and Paranoid Conditions	2	1	3	–	–	–
	20. With Psychopathic Personality	–	–	–	–	–	–
	21. With Mental Deficiency	3	6	9	1	0	1
	22. Undiagnosed Psychoses	1	0	1	–	–	–
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	1	0	1	–	–	–
	231b. Epileptics who are Feebleminded	21	3	24	0	1	1
	232. Alcoholism	–	–	–	–	–	–
	233. Drug Addiction	–	–	–	–	–	–
	234. Mental Deficiency	73	61	134	1	1	2
	235. Disorders of Personality	1	0	1	–	–	–
	236. Psychopathic Personality	–	–	–	–	–	–
	237. Other Non-Psychotic Conditions	2	0	2	–	–	–
	24. Primary Behaviour Disorders	1	0	1	–	–	–
	25. Remand Cases	1	0	1	1	0	1
	Total 1–22	37	30	67	7	1	8
	Total 23–25	100	64	164	2	2	4
	GRAND TOTAL	137	94	231	9	3	12

No. 24

STATUS AND DIAGNOSIS

Reads and Writes			Common School			High School			University			Unascertained			TOTAL		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
6	0	6	54	14	68	10	5	15	2	0	2	16	5	21	93	25	118
1	0	1	1	2	3	–	–	–	–	–	–	1	1	2	3	4	7
–	–	–	1	1	2	1	0	1	–	–	–	–	–	–	2	1	3
–	–	–	2	1	3	2	2	4	–	–	–	–	–	–	5	3	8
2	0	2	19	4	23	3	0	3	2	0	2	0	1	1	27	5	32
–	–	–	0	11	11	1	1	2	1	0	1	–	–	–	2	12	14
–	–	–	0	4	4	1	0	1	–	–	–	–	–	–	1	4	5
–	–	–	5	0	5	1	0	1	–	–	–	2	0	2	8	0	8
10	8	18	52	52	104	14	6	20	3	3	6	18	14	32	104	85	189
4	0	4	3	7	10	3	3	6	–	–	–	1	1	2	12	11	23
3	3	6	13	15	28	6	3	9	–	–	–	1	0	1	24	21	45
16	8	24	52	52	104	6	8	14	2	2	4	16	22	38	96	104	200
3	3	6	13	43	56	4	12	16	2	5	7	2	1	3	25	66	91
0	2	2	7	22	29	1	10	11	0	1	1	0	3	3	8	38	46
–	–	–	2	2	4	0	1	1	–	–	–	–	–	–	2	3	5
–	–	–	4	4	8	0	2	2	–	–	–	–	–	–	4	6	10
2	4	6	30	32	62	10	27	37	2	0	2	0	1	1	47	65	112
9	8	17	76	92	168	32	56	88	10	4	14	3	11	14	133	173	306
32	9	41	179	108	287	68	58	126	11	2	13	15	9	24	315	189	504
4	4	8	15	7	22	3	2	5	1	1	2	–	–	–	25	15	40
1	0	1	0	1	1	1	1	2	0	1	1	–	–	–	2	3	5
4	4	8	13	13	26	–	–	–	–	–	–	5	3	8	26	26	52
1	0	1	8	6	14	4	2	6	–	–	–	5	1	6	19	9	28
4	1	5	24	10	34	3	6	9	–	–	–	–	–	–	32	17	49
2	4	6	1	7	8	–	–	–	–	–	–	–	–	–	24	15	39
0	1	1	3	3	6	6	1	7	5	0	5	1	1	2	15	6	21
1	0	1	1	2	3	1	2	3	–	–	–	–	–	–	3	4	7
29	64	93	14	33	47	1	0	1	–	–	–	0	2	2	118	161	279
–	–	–	–	–	–	0	1	1	–	–	–	–	–	–	1	1	2
–	–	–	2	1	3	2	0	2	–	–	–	–	–	–	4	1	5
1	0	1	9	4	13	3	2	5	–	–	–	–	–	–	15	6	21
0	1	1	3	3	6	2	3	5	–	–	–	–	–	–	6	7	13
6	0	6	8	0	8	1	0	1	–	–	–	–	–	–	17	0	17
98	53	151	549	493	1,032	171	199	370	36	19	55	85	73	158	983	868	1,851
43	71	114	65	63	128	19	15	34	5	0	5	1	3	4	235	218	453
141	124	2 65	614	556	1,170	190	214	404	41	19	60	86	76	162	1,218	1,086	2,304

TABLE No. 25

FIRST ADMISSIONS BY ECONOMIC STATUS AND DIAGNOSIS

	DIAGNOSIS	Dependent			Marginal			Comfortable			Unascertained			TOTAL		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	35	8	43	41	12	53	13	4	17	4	1	5	93	25	118
	02. With other forms of Syphilis	3	2	5	–	–	–	0	1	1	0	1	1	3	4	7
	03. With Epidemic Encephalitis	1	1	2	–	–	–	1	0	1	–	–	–	2	1	3
	04. With other Infectious Diseases	1	1	2	3	2	5	1	0	1	–	–	–	5	3	8
	05. Alcoholic Psychoses	7	0	7	11	2	13	5	2	7	4	1	5	27	5	32
	06a. Due to Opium and Other Drugs	0	1	1	2	2	4	0	5	5	0	4	4	2	12	14
	06b. Due to other Exogenous Toxins	–	–	–	0	2	2	1	2	3	–	–	–	1	4	5
	07. Traumatic Psychoses	2	0	2	2	0	2	3	0	3	1	0	1	8	0	8
	08. With Cerebral Arteriosclerosis	36	24	60	30	26	56	26	29	55	12	6	18	104	85	189
	09. With other Disturbances of Circulation	3	4	7	5	4	9	3	3	6	1	0	1	12	11	23
	10. With Convulsive Disorders (Epilepsy)	10	9	19	10	7	17	4	5	9	–	–	–	24	21	45
	11. Senile Psychoses	41	39	80	30	26	56	21	33	54	4	6	10	96	104	200
	12. Involutional Psychoses	7	10	17	9	23	32	9	29	38	0	4	4	25	66	91
	13. Due to other Metabolic, etc., Diseases	3	9	12	3	13	16	2	15	17	0	1	1	8	38	46
	14. Due to New Growth	–	–	–	0	2	2	1	1	2	1	0	1	2	3	5
	15. With Organic Changes of Nervous System	2	2	4	1	2	3	1	2	3	–	–	–	4	6	10
	16. Psychoneuroses	16	14	30	20	33	53	9	16	25	2	2	4	47	65	112
	17. Manic-Depressive Psychoses	38	39	77	46	49	95	34	66	100	15	19	34	133	173	306
	18. Dementia Praecox (Schizophrenia)	131	39	170	120	89	209	30	35	65	34	26	60	315	189	504
	19. Paranoia and Paranoid Conditions	3	5	8	18	2	20	4	5	9	0	3	3	25	15	40
	20. With Psychopathic Personality	–	–	–	2	0	2	0	3	3	–	–	–	2	3	5
	21. With Mental Deficiency	13	12	25	10	12	22	2	2	4	1	0	1	26	26	52
	22. Undiagnosed Psychoses	5	2	7	7	2	9	3	1	4	4	4	8	19	9	28
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	19	4	23	11	7	18	2	5	7	0	1	1	32	17	49
	231b. Epileptics who are Feebleminded	7	4	11	15	8	23	2	2	4	0	1	1	24	15	39
	232. Alcoholism	3	2	5	8	1	9	4	1	5	0	2	2	15	6	21
	233. Drug Addiction	1	1	2	1	1	2	1	1	2	0	1	1	3	4	7
	234. Mental Deficiency	60	110	170	54	35	89	2	7	9	2	9	11	118	161	279
	235. Disorders of Personality	–	–	–	0	1	1	1	0	1	–	–	–	1	1	2
	236. Psychopathic Personality	2	0	2	2	1	3	–	–	–	–	–	–	4	1	5
	237. Other Non-Psychotic Conditions	8	1	9	4	4	8	–	–	–	3	1	4	15	6	21
	24. Primary Behaviour Disorders	1	1	2	3	2	5	2	4	6	–	–	–	6	7	13
	25. Remand Cases	2	0	2	15	0	15	–	–	–	–	–	–	17	0	17
	Total 1–22	357	221	578	370	310	680	173	259	432	83	78	161	983	868	1,851
	Total 23–25	103	123	226	113	60	173	14	20	34	5	15	20	235	218	453
	GRAND TOTAL	460	344	804	483	370	853	187	279	466	88	93	181	1,218	1,086	2,304

TABLE No. 26

ALCOHOLIC HABITS OF FIRST ADMISSIONS BY DIAGNOSIS

	DIAGNOSIS	Abstinent			Temperate			Intemperate			Unascertained			TOTAL		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychozis	01. With Syphilitic Meningo-Encephalitis	29	11	40	44	8	52	12	0	12	8	6	14	93	25	118
	02. With other forms of Syphilis	–	4	4	3	0	3	–	–	–	–	–	–	3	4	7
	03. With Epidemic Encephalitis	–	1	1	2	0	2	–	–	–	–	–	–	2	1	3
	04. With other Infectious Diseases	2	2	4	3	0	3	–	–	–	0	1	1	5	3	8
	05. Alcoholic Psychoses	–	–	–	–	–	–	27	4	31	0	1	1	27	5	32
	06a. Due to Opium and Other Drugs	1	10	11	0	1	1	1	1	2	–	–	–	2	12	14
	06b. Due to other Exogenous Toxins	–	3	3	0	1	1	1	0	1	–	–	–	1	4	5
	07. Traumatic Psychoses	2	–	2	3	0	3	2	0	2	1	0	1	8	0	8
	08. With Cerebral Arteriosclerosis	47	71	118	39	9	48	11	0	11	7	5	12	104	85	189
	09. With other Disturbances of Circulation	3	9	12	6	1	7	2	1	3	1	0	1	12	11	23
	10. With Convulsive Disorders (Epilepsy)	17	18	35	6	2	8	1	1	2	–	–	–	24	21	45
	11. Senile Psychoses	39	84	123	40	10	50	10	2	12	7	8	15	96	104	200
	12. Involutional Psychoses	12	54	66	11	9	20	2	0	2	0	3	3	25	66	91
	13. Due to other Metabolic, etc., Diseases	4	31	35	2	3	5	1	1	2	1	3	4	8	38	46
	14. Due to New Growth	1	1	2	1	2	3	–	–	–	–	–	–	2	3	5
	15. With Organic Changes of Nervous System	3	5	8	1	0	1	0	1	1	–	–	–	4	6	10
	16. Psychoneuroses	15	46	61	22	15	37	9	2	11	1	2	3	47	65	112
	17. Manic-Depressive Psychoses	59	131	190	59	34	93	10	1	11	5	7	12	133	173	306
	18. Dementia Praecox (Schizophrenia)	128	150	278	132	23	155	35	4	39	20	12	32	315	189	504
	19. Paranoia and Paranoid Conditions	8	7	15	15	3	18	2	2	4	0	3	3	25	15	40
	20. With Psychopathic Personality	–	2	2	1	0	1	1	1	2	–	–	–	2	3	5
	21. With Mental Deficiency	16	22	38	6	3	9	1	0	1	3	1	4	26	26	52
	22. Undiagnosed Psychoses	7	8	15	6	1	7	4	0	4	2	0	2	19	9	28
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	19	16	35	11	0	11	2	1	3	–	–	–	32	17	49
	231b. Epileptics who are Feebleminded	23	15	38	1	0	1	–	–	–	–	–	–	24	15	39
	232. Alcoholism	–	–	–	–	–	–	15	6	21	–	–	–	15	6	21
	233. Drug Addiction	–	1	1	3	1	4	0	1	1	0	1	1	3	4	7
	234. Mental Deficiency	103	147	250	6	1	7	3	3	6	6	10	16	118	161	279
	235. Disorders of Personality	1	1	2	–	–	–	–	–	–	–	–	–	1	1	2
	236. Psychopathic Personality	1	0	1	2	1	3	1	0	1	–	–	–	4	1	5
	237. Other Non-Psychotic Conditions	6	5	11	7	1	8	2	0	2	–	–	–	15	6	21
	24. Primary Behaviour Disorders	2	3	5	2	3	5	2	0	2	–	1	1	6	7	13
	25. Remand Cases	4	0	4	8	0	8	5	0	5	–	–	–	17	0	17
	Total 1–22	393	670	1,063	402	125	527	132	21	153	56	52	108	983	868	1,851
	Total 23–25	159	188	347	40	7	47	30	11	41	6	12	18	235	218	453
	GRAND TOTAL	552	858	1,410	442	132	574	162	32	194	62	64	126	1,218	1,086	2,304

TABLE No. 27

PREVIOUS OCCUPATION OF FIRST ADMISSIONS

PREVIOUS (USUAL) OCCUPATION	Male	Female	TOTAL
Agriculture	222	0	222
Commercial	56	3	59
Financial	7	0	7
Fishing and Trapping	2	1	3
Logging	19	0	19
Manufacturing	40	8	48
Mining	27	0	27
Transportation and Communication	46	0	46
Civil Service and Public Administration	17	4	21
Personal Service	36	505	541
Professional	33	29	62
Domestic Service	12	209	221
Expert Workers	127	9	136
Labourers	235	1	236
Clerical	30	23	53
Retired	47	10	57
Students	22	15	37
Soldiers	11	0	11
No occupation	203	264	467
Not given	26	5	31
TOTAL — ALL OCCUPATIONS	1,218	1,086	2,304

TABLE No. 28

RE-ADMISSIONS BY LENGTH OF STAY OUT OF HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	LENGTH OF STAY OUT OF HOSPITAL BEFORE RE-ADMISSION																														
		Less than One Month			1–3 Months			4–7 Months			8–11 Months			1–2 Years			3–4 Years			5–9 Years			10 Years and Over			Unascertained			TOTAL		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	2	0	2				0	1	1	0	1	1	3	0	3	3	0	3	3	0	3							11	2	13
	02. With other forms of Syphilis																						1	1	2				1	1	2
	03. With Epidemic Encephalitis																														
	04. With other Infectious Diseases																														
	05. Alcoholic Psychoses				1	0	1							3	2	5	2	0	2										6	2	8
	06a. Due to Opium and Other Drugs													1	1	2	0	1	1	0	2	2							1	4	5
	06b. Due to other Exogenous Toxins																														
	07. Traumatic Psychoses																														
	08. With Cerebral Arteriosclerosis	1	1	2				1	0	1	0	2	2	3	2	5	1	0	1	1	0	1	1	1	2				8	6	14
	09. With other Disturbances of Circulation																														
	10. With Convulsive Disorders (Epilepsy)	1	0	1				1	0	1				3	1	4	3	2	5				0	1	1	0	1	1	8	5	13
	11. Senile Psychoses										0	1	1	1	3	4	2	0	2	0	1	1	1	0	1				4	5	9
	12. Involutional Psychoses	1	2	3				2	0	2	1	0	1	1	5	6	2	1	3	1	3	4							8	11	19
	13. Due to other Metabolic, etc., Diseases													0	1	1				0	1	1							0	2	2
	14. Due to New Growth																														
	15. With Organic Changes of Nervous System										0	1	1							0	1	1							0	2	2
	16. Psychoneuroses	0	1	1	1	0	1	0	1	1	1	2	3	0	5	5	2	2	4	1	2	3							5	13	18
	17. Manic-Depressive Psychoses	4	1	5	7	1	8	6	11	17	9	21	30	25	35	60	10	24	34	11	25	36	11	19	30	0	1	1	83	138	221
	18. Dementia Praecox (Schizophrenia)	5	1	6	8	5	13	11	8	19	22	16	38	45	46	91	12	12	24	27	11	38	8	14	22				138	113	251
	19. Paranoia and Paranoid Conditions										2	0	2	0	4	4	0	1	1										2	5	7
	20. With Psychopathic Personality							0	1	1				2	0	2													2	1	3
	21. With Mental Deficiency	0	1	1				0	1	1	0	1	1	5	5	10	2	1	3	4	1	5	2	0	2				13	10	23
	22. Undiagnosed Psychoses													0	1	1	0	1	1										0	2	2
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded										1	0	1	2	1	3	0	1	1				1	1	2	1	0	1	5	3	8
	231b. Epileptics who are Feebleminded							1	0	1				0	2	2	1	1	2										2	3	5
	232. Alcoholism	2	0	2										7	0	7	2	1	3										11	1	12
	233. Drug Addiction	1	0	1										1	1	2	1	1	2				0	2	2				3	4	7
	234. Mental Deficiency				0	1	1	2	1	3	3	1	4	6	4	10	2	4	6	3	4	7	1	1	2				17	16	33
	235. Disorders of Personality																														
	236. Psychopathic Personality	1	1	2													1	0	1										2	1	3
	237. Other Non-Psychotic Conditions													1	1	2	1	0	1										2	1	3
	24. Primary Behaviour Disorders				1	1	2	1	0	1	1	0	1	1	1	2	1	2	3	1	0	1							6	4	10
	25. Remand Cases													2	0	2	1	0	1										3	0	3
	Total 1–22	14	7	21	17	6	23	21	23	44	35	45	80	92	111	203	39	45	84	48	47	95	24	36	60	0	2	2	290	322	612
	Total 23–25	4	1	5	1	2	3	4	1	5	5	1	6	20	10	30	10	10	20	4	4	8	2	4	6	1	0	1	51	33	84
	GRAND TOTAL	18	8	26	18	8	26	25	24	49	40	46	86	112	121	233	49	55	104	52	51	103	26	40	66	1	2	3	341	355	696

TABLE No. 29

RE-ADMISSIONS BY CONDITION ON PREVIOUS DISCHARGE, LENGTH OF STAY OUT OF HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	RECOVERED																														
		Less than one Month			1–3 Months			4–7 Months			8–11 Months			1–2 Years			3–4 Years			5–9 Years			10 Years and over			Unascertained			TOTAL		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis																														
	02. With other forms of Syphilis																														
	03. With Epidemic Encephalitis																														
	04. With other Infectious Diseases																														
	05. Alcoholic Psychoses													2	2	4	2	0	2										4	2	6
	06a. Due to Opium and Other Drugs																			0	2	2							0	2	2
	06b. Due to other Exogenous Toxins																														
	07. Traumatic Psychoses																														
	08. With Cerebral Arteriosclerosis										0	1	1	1	0	1							1	1	2				2	2	4
	09. With other Disturbances of Circulation																														
	10. With Convulsive Disorders (Epilepsy)							1	0	1				1	0	1	0	1	1										2	1	3
	11. Senile Psychoses													0	1	1													0	1	1
	12. Involutional Psychoses																1	0	1	1	1	2							2	1	3
	13. Due to other Metabolic, etc., Diseases																			0	1	1							0	1	1
	14. Due to New Growth																														
	15. With Organic Changes of Nervous System																														
	16. Psychoneuroses	0	1	1	1	0	1							0	1	1	2	0	2	0	2	2							3	4	7
	17. Manic-Depressive Psychoses	1	0	1	2	0	2	2	6	8	5	9	14	14	24	38	6	16	22	7	13	20	9	14	23	0	1	1	46	83	129
	18. Dementia Praecox (Schizophrenia)	1	0	1	1	0	1	0	1	1	1	1	2	9	12	21	4	4	8	9	3	12	0	5	5				25	26	51
	19. Paranoia and Paranoid Conditions										1	0	1	0	1	1													1	1	2
	20. With Psychopathic Personality													1	0	1													1	0	1
	21. With Mental Deficiency													1	2	3	0	1	1	1	0	1							2	3	5
	22. Undiagnosed Psychoses																0	1	1										0	1	1
	TOTAL WITH PSYCHOSIS	2	1	3	4	0	4	3	7	10	7	11	18	29	43	72	15	23	38	18	22	40	10	20	30	0	1	1	88	128	216
	TOTAL WITHOUT PSYCHOSIS	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	2	1	0	1	0	0	0	0	0	0	3	2	5
	GRAND TOTAL	2	1	3	4	0	4	3	7	10	7	11	18	30	44	74	16	24	40	19	22	41	10	20	30	0	1	1	91	130	221

TABLE No. 29—(Continued)

RE-ADMISSIONS BY CONDITION ON PREVIOUS DISCHARGE, LENGTH OF STAY OUT OF HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	IMPROVED																														
		Less than one Month			1–3 Months			4–7 Months			8–11 Months			1–2 Years			3–4 Years			5–9 Years			10 Years and over			Unascertained			TOTAL		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	1	0	1				0	1	1				3	1	4	2	0	2	3	0	3							9	2	11
	02. With other forms of Syphilis																						1	1	2				1	1	2
	03. With Epidemic Encephalitis																														
	04. With other Infectious Diseases																														
	05. Alcoholic Psychoses				1	0	1							1	0	1													2	0	2
	06a. Due to Opium and Other Drugs													0	1	1													0	1	1
	06b. Due to other Exogenous Toxins																														
	07. Traumatic Psychoses																														
	08. With Cerebral Arteriosclerosis	0	1	1				1	0	1	0	1	1	2	2	4	1	0	1	1	0	1							5	4	9
	09. With other Disturbances of Circulation																														
	10. With Convulsive Disorders (Epilepsy)	1	0	1										0	1	1	3	1	4				0	1	1	0	1	1	4	4	8
	11. Senile Psychoses										0	1	1	1	2	3	2	0	2	0	1	1							3	4	7
	12. Involutional Psychoses	1	0	1				2	0	2	1	0	1	1	5	6	1	0	1	0	2	2							6	7	13
	13. Due to other Metabolic, etc., Diseases													0	1	1													0	1	1
	14. Due to New Growth																														
	15. With Organic Changes of Nervous System										0	1	1							0	1	1							0	2	2
	16. Psychoneuroses							0	1	1	1	2	3	0	4	4	0	1	1	1	0	1							2	8	10
	17. Manic-Depressive Psychoses	2	1	3	4	1	5	4	5	9	4	13	17	11	12	23	3	7	10	4	9	13	2	5	7				34	53	87
	18. Dementia Praecox (Schizophrenia)	1	1	2	6	2	8	9	6	15	19	14	33	34	31	65	6	8	14	16	8	24	8	9	17				99	79	178
	19. Paranoia and Paranoid Conditions										1	0	1	0	3	3	0	1.	1										1	4	5
	20. With Psychopathic Personality							0	1	1				1	0	1													1	1	2
	21. With Mental Deficiency							0	1	1	0	1	1	4	2	6	2	0	2	3	1	4	2	0	2				11	5	16
	22. Undiagnosed Psychoses													0	1	1													0	1	1
	TOTAL WITH PSYCHOSIS	6	3	9	11	3	14	16	15	31	26	33	59	58	66	124	20	18	38	28	22	50	13	16	29	0	1	1	178	177	355
	TOTAL WITHOUT PSYCHOSIS	0	0	0	0	1	1	1	0	1	0	0	0	2	1	3	2	2	4	0	0	0	1	1	2	0	0	0	6	5	11
	GRAND TOTAL	6	3	9	11	4	15	17	15	32	26	33	59	60	67	127	22	20	42	28	22	50	14	17	31	0	1	1	184	182	366

TABLE No. 29—(Continued)

RE-ADMISSIONS BY CONDITION ON PREVIOUS DISCHARGE, LENGTH OF STAY OUT OF HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	UNIMPROVED																														
		Less than one Month			1–3 Months			4–7 Months			8–11 Months			1–2 Years			3–4 Years			5–9 Years			10 Years and over			Unascertained			TOTAL		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	1	0	1													1	0	1										2	0	2
	02. With other forms of Syphilis																														
	03. With Epidemic Encephalitis																														
	04. With other Infectious Diseases																														
	05. Alcoholic Psychoses																														
	06a. Due to Opium and Other Drugs																														
	06b. Due to other Exogenous Toxins																														
	07. Traumatic Psychoses																														
	08. With Cerebral Arteriosclerosis	1	0	1																									1	0	1
	09. With other Disturbances of Circulation																														
	10. With Convulsive Disorders (Epilepsy)													2	0	2													2	0	2
	11. Senile Psychoses																						1	0	1				1	0	1
	12. Involutional Psychoses	0	1	1													0	1	1										0	2	2
	13. Due to other Metabolic, etc., Diseases																														
	14. Due to New Growth																														
	15. With Organic Changes of Nervous System																														
	16. Psychoneuroses													0	1	1													0	1	1
	17. Manic-Depressive Psychoses	1	0	1	1	0	1										1	1	2	0	1	1							3	2	5
	18. Dementia Praecox (Schizophrenia)	3	0	3	1	3	4	2	1	3	2	1	3	2	3	5	1	0	1	2	0	2							13	8	21
	19. Paranoia and Paranoid Conditions																														
	20. With Psychopathic Personality																														
	21. With Mental Deficiency	0	1	1										0	1	1													0	2	2
	22. Undiagnosed Psychoses																														
	TOTAL WITH PSYCHOSIS	6	2	8	2	3	5	2	1	3	2	1	3	4	5	9	3	2	5	2	1	3	1	0	1	0	0	0	22	15	37
	TOTAL WITHOUT PSYCHOSIS	0	0	0	0	0	0	2	1	3	1	0	1	3	3	6	3	1	4	2	2	4	0	1	1	1	0	1	12	8	20
	GRAND TOTAL	6	2	8	2	3	5	4	2	6	3	1	4	7	8	15	6	3	9	4	3	7	1	1	2	1	0	1	34	23	57

TABLE No. 29—(Concluded)

RE-ADMISSIONS BY CONDITION ON PREVIOUS DISCHARGE, LENGTH OF STAY OUT OF HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	WITHOUT MENTAL DISORDER									GRAND TOTAL		
		Under 1 Year			1 Year and over			TOTAL					
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis										11	2	13
	02. With other forms of Syphilis										1	1	2
	03. With Epidemic Encephalitis												
	04. With other Infectious Diseases												
	05. Alcoholic Psychoses										6	2	8
	06a. Due to Opium and Other Drugs				1	1	2	1	1	2	1	4	5
	06b. Due to other Exogenous Toxins												
	07. Traumatic Psychoses												
	08. With Cerebral Arteriosclerosis										8	6	14
	09. With other Disturbances of Circulation												
	10. With Convulsive Disorders (Epilepsy)										8	5	13
	11. Senile Psychoses										4	5	9
	12. Involutional Psychoses	0	1	1				0	1	1	8	11	19
	13. Due to other Metabolic, etc., Diseases										0	2	2
	14. Due to New Growth												
	15. With Organic Changes of Nervous System										0	2	2
	16. Psychoneuroses										5	13	18
	17. Manic-Depressive Psychoses										83	138	221
	18. Dementia Praecox (Schizophrenia)				1	0	1	1	0	1	138	113	251
	19. Paranoia and Paranoid Conditions										2	5	7
	20. With Psychopathic Personality										2	1	3
	21. With Mental Deficiency										13	10	23
	22. Undiagnosed Psychoses										0	2	2
	TOTAL WITH PSYCHOSIS	0	1	1	2	1	3	2	2	4	290	322	612
	TOTAL WITHOUT PSYCHOSIS	9	5	14	21	13	34	30	18	48	51	33	84
	GRAND TOTAL	9	6	15	23	14	37	32	20	52	341	355	696

TABLE No. 30

DISPOSAL OF FIRST AND RE-ADMISSIONS DURING THE YEAR

FOR CERTAIN PSYCHOSES—DISPOSAL AS AT MARCH 31st

DIAGNOSIS	Discharged			Died			Trans-ferred			Eloped and not returned			On Probation			In Boarding Homes			Remaining in Hospitals			TOTAL ADMISSIONS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile Psychosis	7	3	10	44	41	85	–	–	–	–	–	–	6	5	11	1	1	2	42	59	101	100	109	209
Psychosis with Cerebral Arteriosclerosis	9	9	18	39	23	62	1	1	2	–	–	–	9	12	21	1	0	1	53	46	99	112	91	203
General Paresis	6	0	6	22	5	27	32	11	43	–	–	–	4	4	8	–	–	–	44	12	56	108	32	140
Alcoholic Psychosis	17	4	21	–	–	–	–	–	–	–	–	–	8	2	10	0	1	1	8	0	8	33	7	40
Manic Depressive Psychosis	73	59	132	10	15	25	2	4	6	–	–	–	51	95	146	2	10	12	78	128	206	216	311	527
Dementia Praecox (Schizophrenia)	62	36	98	6	8	14	16	3	19	1	0	1	59	51	110	5	8	13	304	196	500	453	302	755
All Other Psychoses	63	75	138	31	24	55	5	4	9	0	1	1	38	80	118	0	3	3	114	151	265	251	338	589
Alcoholism without Psychoses	9	1	10	–	–	–	–	–	–	–	–	–	7	4	11	0	1	1	10	1	11	26	7	33
Others without Psychoses	60	24	84	13	4	17	3	4	7	2	2	4	14	20	34	1	3	4	167	187	354	260	244	504
TOTAL	306	211	517	165	120	285	59	27	86	3	3	6	196	273	469	10	27	37	820	780	1600	1559	1,441	3000

TABLE 31

DISCHARGES‡ BY METHOD OF ADMISSION AND CONDITION ON DISCHARGE

METHOD OF ADMISSION	Recovered			Improved			Unimproved			Without Psychosis			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Voluntary Application (Sec. 19) Form I)	31	32	63	61	45	106	61	5	11	27	11	38	125	93	218
2. Two Physician's Certificates (Sec. 20) (Form 2, 3, or 26)	141	198	339	298	400	698	33	33	66	57	81	138	529	712	1,241
3. Warrant of Deputy Minister (Sec. 25-30 Form 11	27	14	41	139	65	204	13	5	18	52	38	90	231	122	353
4. Warrant of Lieutenant-Governor (Sec. 32)	4	2	6	7	4	11	2	0	2	8	16	24	21	22	43
5. Order of Magistrate (Sec. 35) (Form 16)	6	2	8	26	4	30	7	4	11	31	12	43	70	22	92
6. Warrant of Minister of Justice (Under Penitentiary Act)	1	0	1	1	0	1	–	–	–	1	0	1	3	0	3
7. Warrant of Deputy Minister for person deported (Sec. 64) (Form 36)	–	–	–	–	–	–	–	–	–	1	1	2	1	1	2
8. Habitue — Voluntary (Sec. 46) (Form 20)	1	0	1	–	–	–	–	–	–	4	0	4	5	0	5
9. Habitue — Temporary Committment — Two Phyisician's Certificates 30 days, (Sec. 52-53) (Form 25)	–	–	–	–	–	–	–	–	–	–	–	–	0	0	0
10. Habitue — Warrant of Deputy Minister for Removal (Sec. 47-51) (Form 24)	1	1	2	–	–	–	1	0	1	7	2	9	9	3	12
11. Inspector's Warrant (Sec. 9) (3) Psych. Hospital Act.	–	–	–	2	2	4	–	–	–	1	0	1	3	2	5
TOTAL	212	249	461	534	520	1054	62	47	109	189	161	350	997	977	1,974

‡Includes patients deported and deaths while on probation (on visit) or while on elopement (on escape). Patients discharged while on elopement (on escape) are also included.

TABLE No. 32

DISCHARGES BY AGE AND DIAGNOSIS

	DIAGNOSIS	AGE GROUP																							
		TOTAL			Under 10			10–14			15–19			20–24			25–29			30–34			35–39		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	53	13	66										2	0	2	2	2	4	0	2	2	8	3	11
	02. With other forms of Syphilis	4	0	4													1	0	1						
	03. With Epidemic Encephalitis	1	0	1																					
	04. With other Infectious Diseases	1	0	1																					
	05. Alcoholic Psychoses	23	8	31																3	3	6	5	3	8
	06a. Due to Opium and Other Drugs	5	10	15										0	1	1	1	0	1						
	06b. Due to other Exogenous Toxins	1	2	3																			0	1	1
	07. Traumatic Psychoses	7	0	7																			1	0	1
	08. With Cerebral Arteriosclerosis	20	37	57																					
	09. With other Disturbances of Circulation	1	1	2																					
	10. With Convulsive Disorders (Epilepsy)	23	12	35				1	0	1	3	0	3	1	0	1	3	2	5	4	4	8	2	2	4
	11. Senile Psychoses	19	21	40																					
	12. Involutional Psychoses	19	78	97																0	1	1	0	3	3
	13. Due to other Metabolic, etc., Diseases	7	21	28							0	1	1	0	4	4	0	3	3	0	2	2	1	1	2
	14. Due to New Growth	0	1	1																			0	1	1
	15. With Organic Changes of Nervous System	2	1	3																			1	0	1
	16. Psychoneuroses	51	66	117							0	3	3	4	6	10	5	11	16	9	8	17	8	10	18
	17. Manic-Depressive Psychoses	179	273	452							4	4	8	10	12	22	15	22	37	12	38	50	22	33	55
	18. Dementia Praecox (Schizophrenia)	300	210	510							27	8	35	56	23	79	51	34	85	31	33	64	40	36	76
	19. Paranoia and Paranoid Conditions	29	16	45																4	1	5	5	1	6
	20. With Psychopathic Personality	4	4	8							1	1	2				2	0	2	0	1	1			
	21. With Mental Deficiency	26	27	53							3	3	6	5	4	9	5	1	6	1	4	5	3	6	9
	22. Undiagnosed Psychoses	12	7	19										2	0	2	1	1	2	0	3	3	1	1	2
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	30	14	44				0	1	1	5	2	7	7	2	9	4	4	8	3	0	3	3	1	4
	231b. Epileptics who are Feebleminded	23	10	33	2	0	2	6	1	7	3	2	5	6	3	9	0	1	1	1	0	1	2	1	3
	232. Alcoholism	17	4	21																2	0	2	1	1	2
	233. Drug Addiction	7	2	9													1	1	2						
	234. Mental Deficiency	83	115	198	4	1	5	5	4	9	22	33	55	21	37	58	8	18	26	7	5	12	5	9	14
	235. Disorders of Personality	0	1	1										0	1	1									
	236. Psychopathic Personality	5	2	7										1	2	3	1	0	1						
	237. Other Non-Psychotic Conditions	9	7	16																3	1	4	3	3	6
	24. Primary Behaviour Disorders	9	12	21							1	0	1	1	2	3	1	0	1	1	1	2	1	4	5
	25. Remand Cases	27	2	29							1	2	3	2	0	2	1	0	1	4	0	4	7	0	7
	Total 1–22	787	808	1,595	0	0	0	1	0	1	38	20	58	80	50	130	86	76	162	64	100	164	97	101	198
	Total 23–25	210	169	379	6	1	7	11	6	17	32	41	73	38	47	85	16	24	40	21	7	28	22	19	41
	GRAND TOTAL	997	977	1,974	6	1	7	12	6	18	70	61	131	118	97	215	102	100	202	85	107	192	119	120	239

TABLE No. 32—(Concluded)

DISCHARGES BY AGE AND DIAGNOSIS

	DIAGNOSIS	AGE GROUP																							
		40–44			45–49			50–54			55–59			60–64			65–69			70 and Over			Unascertained		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	11	1	12	10	1	11	5	4	9	4	0	4	6	0	6	2	0	2	3	0	3			
	02. With other forms of Syphilis							2	0	2	1	0	1												
	03. With Epidemic Encephalitis	1	0	1																					
	04. With other Infectious Diseases							1	0	1															
	05. Alcoholic Psychoses	4	1	5	4	0	4	4	0	4	2	1	3	1	0	1									
	06a. Due to Opium and Other Drugs	1	1	2	0	3	3	0	3	3				0	1	1	2	0	2	1	1	2			
	06b. Due to other Exogenous Toxins				1	0	1	0	1	1															
	07. Traumatic Psychoses	1	0	1	1	0	1	3	0	3	1	0	1												
	08. With Cerebral Arteriosclerosis	0	1	1	0	2	2	0	1	1	3	2	5	4	11	15	5	7	12	8	13	21			
	09. With other Disturbances of Circulation													0	1	1	1	0	1						
	10. With Convulsive Disorders (Epilepsy)	4	1	5	2	1	3	2	1	3							1	0	1	0	1	1			
	11. Senile Psychoses													1	0	1	2	4	6	16	17	33			
	12. Involutional Psychoses	0	11	11	4	27	31	4	18	22	5	11	16	3	5	8	2	2	4	1	0	1			
	13. Due to other Metabolic, etc., Diseases	0	1	1	1	1	2	2	2	4	2	2	4	0	1	1	1	2	3	0	1	1			
	14. Due to New Growth																								
	15. With Organic Changes of Nervous System	1	0	1										0	1	1									
	16. Psychoneuroses	8	12	20	2	6	8	9	4	13	3	5	8	2	1	3				1	0	1			
	17. Manic-Depressive Psychoses	21	36	57	20	38	58	24	25	49	18	25	43	16	21	37	7	10	17	10	9	19			
	18. Dementia Praecox (Schizophrenia)	30	21	51	22	20	42	18	7	25	10	10	20	5	5	10	4	3	7	6	10	16			
	19. Paranoia and Paranoid Conditions	4	3	7	4	2	6	4	3	7	3	2	5	3	1	4	2	2	4	0	1	1			
	20. With Psychopathic Personality	0	1	1	1	0	1	0	1	1															
	21. With Mental Deficiency	1	4	5	2	3	5	4	1	5	1	0	1				0	1	1	1	0	1			
	22. Undiagnosed Psychoses	1	0	1	2	0	2	1	0	1	2	1	3				2	0	2	0	1	1			
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	1	0	1	2	1	3	1	0	1	2	2	4	1	0	1	0	1	1	1	0	1			
	231b. Epileptics who are Feebleminded	1	2	3				2	0	2															
	232. Alcoholism	4	0	4	3	1	4	2	1	3	2	0	2	2	0	2	1	0	1	0	1	1			
	233. Drug Addiction	3	0	3	3	0	3	0	1	1															
	234. Mental Deficiency	3	1	4	3	3	6	3	0	3	1	1	2	1	3	4									
	235. Disorders of Personality																								
	236. Psychopathic Personality	2	0	2				1	0	1															
	237. Other Non-Psychotic Conditions	0	1	1	1	0	1	0	1	1	2	0	2	0	1	1									
	24. Primary Behaviour Disorders	1	0	1	0	1	1	1	1	2	2	1	3												
	25. Remand Cases	2	0	2	4	0	4	1	0	1	2	0	2	1	0	1	2	0	2						
	Total 1–22	88	94	182	76	104	180	83	71	154	55	59	114	41	48	89	31	31	62	47	54	101			
	Total 23–25	17	4	21	16	6	22	11	4	15	11	4	15	5	4	9	3	1	4	1	1	2			
	GRAND TOTAL	105	98	203	92	110	202	94	75	169	66	63	129	46	52	98	34	32	66	48	55	103			

TABLE No. 33

DISCHARGES BY CONDITION ON DISCHARGE AND DIAGNOSIS

	DIAGNOSIS	FIRST ADMISSIONS											
		Recovered			Improved			Unimproved			Total		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	11	1	12	27	9	36	3	0	3	41	10	51
	02. With other forms of Syphilis				4	0	4				4	0	4
	03. With Epidemic Encephalitis												
	04. With other Infectious Diseases				1	0	1				1	0	1
	05. Alcoholic Psychoses	12	3	15	9	2	11	0	1	1	21	6	27
	06a. Due to Opium and Other Drugs	3	4	7	1	4	5				4	8	12
	06b. Due to other Exogenous Toxins	1	2	3							1	2	3
	07. Traumatic Psychoses				5	0	5	1	0	1	6	0	6
	08. With Cerebral Arteriosclerosis	2	4	6	11	18	29	7	8	15	20	30	50
	09. With other Disturbances of Circulation				1	1	2				1	1	2
	10. With Convulsive Disorders (Epilepsy)	7	3	10	5	4	9	3	4	7	15	11	26
	11. Senile Psychoses	4	1	5	12	14	26	2	3	5	18	18	36
	12. Involutional Psychoses	3	26	29	14	42	56	0	2	2	17	70	87
	13. Due to other Metabolic, etc., Diseases	0	10	10	4	9	13	3	0	3	7	19	26
	14. Due to New Growth							0	1	1	0	1	1
	15. With Organic Changes of Nervous System				1	1	2				1	1	2
	16. Psychoneuroses	23	28	51	18	31	49	2	4	6	43	63	106
	17. Manic-Depressive Psychoses	46	61	107	54	103	157	1	3	4	101	167	268
	18. Dementia Praecox (Schizophrenia)	36	20	56	172	132	304	15	5	20	223	157	380
	19. Paranoia and Paranoid Conditions	3	2	5	21	12	33	1	0	1	25	14	39
	20. With Psychopathic Personality	0	3	3	3	1	4	1	0	1	4	4	8
	21. With Mental Deficiency	1	2	3	14	11	25	5	3	8	20	16	36
	22. Undiagnosed Psychoses	2	0	2	5	5	10	3	1	4	10	6	16
	Total With Psychosis	154	170	324	382	399	781	47	35	82	583	604	1,187
	Total Without Psychosis										165	147	312
	GRAND TOTAL	154	170	324	382	399	781	47	35	82	748	751	1,499

TABLE No. 33—(Concluded)

DISCHARGES BY CONDITION ON DISCHARGE AND DIAGNOSIS

	DIAGNOSIS	RE-ADMISSIONS												TOTAL ADMISSIONS											
		Recovered			Improved			Unimproved			Total			Recovered			Improved			Unimproved			Total		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	4	0	4	8	3	11				12	3	15	15	1	16	35	12	47	3	0	3	53	13	66
	02. With other forms of Syphilis																4	0	4				4	0	4
	03. With Epidemic Encephalitis				1	0	1				1	0	1				1	0	1				1	0	1
	04. With other Infectious Diseases																1	0	1				1	0	1
	05. Alcoholic Psychoses	2	2	4							2	2	4	14	5	19	9	2	11	0	1	1	23	8	31
	06a. Due to Opium and Other Drugs	1	2	3							1	2	3	4	6	10	1	4	5				5	10	15
	06b. Due to other Exogenous Toxins													1	2	3							1	2	3
	07. Traumatic Psychoses				1	0	1				1	0	1				6	0	6	1	0	1	7	0	7
	08. With Cerebral Arteriosclerosis	0	1	1	0	6	6				0	7	7	2	5	7	11	24	35	7	8	15	20	37	57
	09. With other Disturbances of Circulation																1	1	2				1	1	2
	10. With Convulsive Disorders (Epilepsy)	2	0	2	5	1	6	1	0	1	8	1	9	9	3	12	10	5	15	4	4	8	23	12	35
	11. Senile Psychoses				1	3	4				1	3	4	4	1	5	13	17	30	2	3	5	19	21	40
	12. Involutional Psychoses	0	2	2	1	6	7	1	0	1	2	8	10	3	28	31	15	48	63	1	2	3	19	78	97
	13. Due to other Metabolic, etc., Diseases				0	2	2				0	2	2	0	10	10	4	11	15	3	0	3	7	21	28
	14. Due to New Growth																			0	1	1	0	1	1
	15. With Organic Changes of Nervous System				1	0	1				1	0	1				2	1	3				2	1	3
	16. Psychoneuroses	3	2	5	5	1	6				8	3	11	26	30	56	23	32	55	2	4	6	51	66	117
	17. Manic-Depressive Psychoses	35	57	92	41	46	87	2	3	5	78	106	184	81	118	199	95	149	244	3	6	9	179	273	452
	18. Dementia Praecox (Schizophrenia)	11	9	20	58	40	98	8	4	12	77	53	130	47	29	76	230	172	402	23	9	32	300	210	510
	19. Paranoia and Paranoid Conditions				4	2	6				4	2	6	3	2	5	25	14	39	1	0	1	29	16	45
	20. With Psychopathic Personality													0	3	3	3	1	4	1	0	1	4	4	8
	21. With Mental Deficiency	0	4	4	5	5	10	1	2	3	6	11	17	1	6	7	19	16	35	6	5	11	26	27	53
	22. Undiagnosed Psychoses				2	1	3				2	1	3	2	0	2	7	6	13	3	1	4	12	7	19
	Total With Psychosis	58	79	137	133	116	249	13	9	22	204	204	408	212	249	461	515	515	1030	60	44	104	787	808	1,595
	Total Without Psychosis										45	22	67										210	169	379
	GRAND TOTAL	58	79	137	133	116	249	13	9	22	249	226	475	212	249	461	515	515	1030	60	44	104	997	977	1,974

TABLE No. 34

DISCHARGES BY CONDITION ON DISCHARGE, LENGTH OF STAY IN HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	GRAND TOTAL			RECOVERED																							
					0–5 Months			6–11 Months			1–2 Years			3–4 Years			5 Years and over			Unascertained			Total Recovered		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	10. With Syphilitic Meningo-Encephalitis	53	13	66	5	1	6	5	0	5	2	0	2				3	0	3				15	1	16
	02. With other forms of Syphilis	4	0	4																					
	03. With Epidemic Encephalitis	1	0	1																					
	04. With other Infectious Diseases	1	0	1																					
	05. Alcoholic Psychoses	23	8	31	13	5	18	1	0	1													14	5	19
	06a. Due to Opium and Other Drugs	5	10	15	3	6	9	1	0	1													4	6	10
	06b. Due to other Exogenous Toxins	1	2	3	1	2	3																1	2	3
	07. Traumatic Psychoses	7	0	7																					
	08. With Cerebral Arteriosclerosis	20	37	57	2	3	5	0	1	1	0	1	1										2	5	7
	09. With other Disturbances of Circulation	1	1	2																					
	10. With Convulsive Disorders (Epilepsy)	23	12	35	1	0	1				2	1	3	2	0	2	4	2	6				9	3	12
	11. Senile Psychoses	19	21	40	4	0	4				0	1	1										4	1	5
	12. Involutional Psychoses	19	78	97	2	23	25	1	2	3	0	3	3										3	28	31
	13. Due to other Metabolic, etc., Diseases	7	21	28	0	9	9	0	1	1													0	10	10
	14. Due to New Growth	0	1	1																					
	15. With Organic Changes of Nervous System	2	1	3																					
	16. Psychoneuroses	51	66	117	25	26	51	1	2	3	0	1	1	0	1	1							26	30	56
	17. Manic-Depressive Psychoses	179	273	452	67	92	159	10	17	27	3	6	9	0	1	1	1	2	3				81	118	199
	18. Dementia Praecox (Schizophrenia)	300	210	510	34	18	52	4	4	8	5	6	11	0	1	1	4	0	4				47	29	76
	19. Paranoia and Paranoid Conditions	29	16	45	2	2	4										1	0	1				3	2	5
	20. With Psychopathic Personality	4	4	8	0	3	3																0	3	3
	21. With Mental Deficiency	26	27	53	1	5	6				0	1	1										2	6	7
	22. Undiagnosed Psychoses	12	7	19	2	0	2																2	0	2
	Total with Psychosis	787	808	1,595	162	195	357	23	27	50	12	20	32	2	3	5	13	4	17				212	249	461
	Total without Psychosis	210	169	379																					
	GRAND TOTAL	997	977	1,974	162	195	357	23	27	50	12	20	32	2	3	5	13	4	17				212	249	461

TABLE No. 34—(Continued)

DISCHARGES BY CONDITION ON DISCHARGE, LENGTH OF STAY IN HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	IMPROVED																							
		0–5 Months			6–11 Months			1–2 Years			3–4 Years			5 Years and over			Unascertained			Total Improved		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	9	3	12	8	4	12	9	1	10	7	2	9	2	2	4				35	12	47
	02. With other forms of Syphilis	2	0	2	1	0	1							1	0	1				4	0	4
	03. With Epidemic Encephalitis	1	0	1																1	0	1
	04. With other Infectious Diseases	1	0	1																1	0	1
	05. Alcoholic Psychoses	1	0	1	5	2	7	3	0	3										9	2	11
	06a. Due to Opium and Other Drugs	0	2	2	0	1	1	1	1	2										1	4	5
	06b. Due to other Exogenous Toxins																					
	07. Traumatic Psychoses	3	0	3	1	0	1	1	0	1	1	0	1							6	0	6
	08. With Cerebral Arteriosclerosis	4	10	14	2	4	6	3	6	9	0	1	1	2	3	5				11	24	35
	09. With other Disturbances of Circulation	1	1	2																1	1	2
	10. With Convulsive Disorders (Epilepsy)	7	4	11	1	1	2				1	0	1	1	0	1				10	5	15
	11. Senile Psychoses	5	9	14	3	4	7	4	2	6	1	0	1	0	2	2				13	17	30
	12. Involutional Psychoses	10	30	40	4	9	13	1	3	4	0	3	3	0	3	3				15	48	63
	13. Due to other Metabolic, etc., Diseases	2	7	9	1	1	2	1	1	2	0	1	1	0	1	1				4	11	15
	14. Due to New Growth																					
	15. With Organic Changes of Nervous System	1	1	2				1	0	1										2	1	3
	16. Psychoneuroses	16	21	37	5	6	11	1	4	5	1	1	2							23	32	55
	17. Manic-Depressive Psychoses	40	58	98	26	34	60	14	41	55	7	7	14	8	9	17				95	149	244
	18. Dementia Praecox (Schizophrenia)	73	67	140	57	42	99	54	39	93	12	5	17	34	19	53				230	172	402
	19. Paranoia and Paranoid Conditions	12	6	18	7	3	10	3	2	5	1	2	3	2	1	3				25	14	39
	20. With Psychopathic Personality	2	0	2	0	1	1	1	0	1										3	1	4
	21. With Mental Deficiency	10	6	16	3	2	5	3	3	6	1	0	1	2	5	7				19	16	35
	22. Undiagnosed Psychoses	1	2	3	3	1	4	1	1	2	1	0	1	1	2	3				7	6	13
	Total with Psychosis	201	227	428	127	115	242	101	104	205	33	22	55	53	47	100				515	515	1030
	Total without Psychosis	3	0	3	5	1	6	7	0	7	2	3	5	2	1	3				19	5	24
	GRAND TOTAL	204	227	431	132	116	248	108	104	212	35	25	60	55	48	103				534	520	1054

TABLE No. 34—(Concluded)

DISCHARGES BY CONDITION ON DISCHARGE, LENGTH OF STAY IN HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	UNIMPROVED																					WITHOUT MENTAL DISORDER								
		0–5 Months			6–11 Months			1–2 Years			3–4 Years			5 Years and over			Unascertained			Total Improved			0–5 Months			6 Months and over			Total		
		M.	F.	T.	M.	F	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	1	0	1	2	0	2													3	0	3									
	02. With other forms of Syphilis																														
	03. With Epidemic Encephalitis																														
	04. With other Infectious Diseases																														
	05. Alcoholic Psychoses													0	1	1				0	1	1									
	06a. Due to Opium and Other Drugs																														
	06b. Due to other Exogenous Toxins																														
	07. Traumatic Psychoses	1	0	1																1	0	1									
	08. With Cerebral Arteriosclerosis	2	7	9	3	0	3	0	1	1				2	0	2				7	8	15									
	09. With other Disturbances of Circulation																														
	10. With Convulsive Disorders (Epilepsy)	2	3	5	1	0	1	1	0	1	0	1	1							4	4	8									
	11. Senile Psychoses	2	2	4							0	1	1							2	3	5									
	12. Involutional Psychoses	1	1	2	0	1	1													1	2	3									
	13. Due to other Metabolic, etc., Diseases	2	0	2							1	0	1							3	0	3									
	14. Due to New Growth	0	1	1																0	1	1									
	15. With Organic Changes of Nervous System																														
	16. Psychoneuroses	1	4	5				1	0	1										2	4	6									
	17. Manic-Depressive Psychoses	1	1	2	2	2	4	0	3	3										3	6	9									
	18. Dementia Praecox (Schizophrenia)	12	3	15	2	1	3	1	3	4	2	0	2	6	2	8				23	9	32									
	19. Paranoia and Paranoid Conditions										1	0	1							1	0	1									
	20. With Psychopathic Personality							1	0	1										1	0	1									
	21. With Mental Deficiency	3	3	6	1	0	1	2	0	2	0	1	1	0	1	1				6	5	11									
	22. Undiagnosed Psychoses	3	0	3	0	1	1													3	1	4									
	Total with Psychosis	30	25	55	11	5	16	7	7	14	4	3	7	8	4	12				60	44	104									
	Total without Psychosis	1	0	1	0	1	1	1	0	1				0	2	2				2	3	5	102	46	148	87	115	202	189	161	350
	GRAND TOTAL	31	25	56	11	6	17	8	7	15	4	3	7	8	6	14				62	47	109	102	46	148	87	115	202	189	161	350

TABLE No. 35

DISCHARGES BY CONDITION ON DISCHARGE AND LENGTH OF STAY IN HOSPITAL*

LENGTH OF STAY IN HOSPITAL*	FIRST ADMISSION					RE-ADMISSIONS					ALL ADMISSIONS				
	Recov.	Imp.	Unimp.	Without Psychosis	TOTAL	Recov.	Imp.	Unimp.	Without Psychosis	TOTAL	Recov.	Imp.	Unimp.	Without Psychosis	TOTAL
0–5 months	253	337	45	115	750	104	91	10	37	242	357	428	55	152	992
6–11 months	31	196	12	37	276	19	46	4	12	81	50	242	16	49	357
1–2 years	22	140	8	81	251	10	65	6	12	93	32	205	14	93	344
3–4 years	4	32	5	42	83	1	23	2	3	29	5	55	7	45	112
5 years and over	14	76	12	37	139	3	24	0	3	30	17	100	12	40	169
Unascertained	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TOTAL	324	781	82	312	1,499	137	249	22	67	475	461	1,030	104	379	1,974

* This Admission.

TABLE No. 36

DEATHS BY DIAGNOSIS

	DIAGNOSIS	First Admissions			Re-Admissions			TOTAL		
		M.	F.	T.	M.	F	T.	M.	F.	T
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	44	8	52	1	3	4	45	11	56
	02. With other forms of Syphilis	1	0	1	–	–	–	1	0	1
	03. With Epidemic Encephalitis	1	0	1	–	–	–	1	0	1
	04. With other Infectious Diseases	1	1	2	–	–	–	1	1	2
	05. Alcoholic Psychoses	–	–	–	–	–	–	–	–	–
	06a. Due to Opium and Other Drugs	–	–	–	–	–	–	–	–	–
	06b. Due to other Exogenous Toxins	–	–	–	–	–	–	–	–	–
	07. Traumatic Psychoses	–	–	–	–	–	–	–	–	–
	08. With Cerebral Arteriosclerosis	76	46	122	8	2	10	84	48	132
	09. With other Disturbances of Circulation	7	6	13	–	–	–	7	6	13
	10. With Convulsive Disorders (Epilepsy)	14	13	27	3	4	7	17	17	34
	11. Senile Psychoses	75	76	151	5	3	8	80	79	159
	12. Involutional Psychoses	8	12	20	1	3	4	9	15	24
	13. Due to other Metabolic, etc., Diseases	4	10	14	0	2	2	4	12	16
	14. Due to New Growth	1	1	2	–	–	–	1	1	2
	15. With Organic Changes of Nervous System	3	2	5	–	–	–	3	2	5
	16. Psychoneuroses	1	1	2	1	1	2	2	2	4
	17. Manic-Depressive Psychoses	20	15	35	8	16	24	28	31	59
	18. Dementia Praecox (Schizophrenia)	71	77	148	20	16	36	91	93	184
	19. Paranoia and Paranoid Conditions	2	2	4	0	1	1	2	3	5
	20. With Psychopathic Personality	–	–	–	–	–	–	–	–	–
	21. With Mental Deficiency	5	11	16	2	1	3	7	12	19
	22. Undiagnosed Psychoses	4	2	6	–	–	–	4	2	6
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	2	0	2	1	0	1	3	0	3
	231b. Epileptics who are Feebleminded	19	7	26	1	3	4	20	10	30
	232. Alcoholism	1	0	1	–	–	–	1	0	1
	233. Drug Addiction	–	–	–	–	–	–	–	–	–
	234. Mental Deficiency	30	29	59	0	1	1	30	30	60
	235. Disorders of Personality	–	–	–	0	1	1	0	1	1
	236. Psychopathic Personality	1	0	1	–	–	–	1	0	1
	237. Other Non-Psychotic Conditions	–	–	–	–	–	–	–	–	–
	24. Primary Behaviour Disorders	1	0	1	–	–	–	1	0	1
	25. Remand Cases	–	–	–	–	–	–	–	–	–
	TOTAL 1–22	338	283	621	49	52	101	387	335	722
	TOTAL 23–25	54	36	90	2	5	7	56	41	97
	GRAND TOTAL	392	319	711	51	57	108	443	376	819

TABLE No. 37
DEATHS BY TOTAL DURATION OF HOSPITAL LIFE

LENGTH OF STAY	First Admissions			Re-Admissions			TOTAL		
	M	F	T	M	F	T	M	F	T
Under 1 month	82	41	123	1	0	1	83	41	124
1 - 3 months	51	37	88	3	3	6	54	40	94
4 - 7 months	31	21	52	1	5	6	32	26	58
8 - 11 months	18	9	27	4	3	7	22	12	34
1 - 2 years	51	46	97	9	11	20	60	57	117
3 - 4 years	38	35	73	3	8	11	41	43	84
5 - 6 years	20	19	39	6	1	7	26	20	46
7 - 8 years	23	16	39	4	4	8	27	20	47
9 - 10 years	11	12	23	3	3	6	14	15	29
11 years and over	67	83	150	17	19	36	84	102	186
TOTAL DEATHS	392	319	711	51	57	108	443	376	819

TABLE No. 38

CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	TOTAL			PSYCHOSES																	
				General Paresis			Alcoholic			With Cerebral Arteriosclerosis			With Convulsive Disorders (Epil.)			Senile			Involutional		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Infectious and Parasitic Diseases																					
Typhoid and paratyphoid fever																					
Measles																					
Scarlet fever																					
Diphtheria	0	1	1																		
Influenza	0	2	2																		
Dysentery																					
Tuberculosis of the respiratory system	34	18	52	0	1	1				3	1	4	1	1	2	0	1	1	1	1	2
Other forms of tuberculosis	1	6	7							0	1	1									
Syphilis	2	0	2																		
Purulent infection, septicaemia	3	1	4																		
Other infectious and parasitic diseases																					
Cancer and other Tumours																					
Cancer and other malignant tumours	10	19	29	1	1	2				1	0	1				1	1	2	0	1	1
Tumours, non-malignant and unspecified	0	1	1																		
Rheumatic Diseases, Diseases of Nutrition and of End crine Glands and Other General Diseases																					
Acute rheumatic fever																					
Chronic rheumatism and gout																					
Diabetes mellitus	0	3	3							0	2	2									
Diseases of the thyroid and parathyroid glands	0	1	1	0	1	1															
Other general diseases	1	0	1																		
Diseases of the Blood and Blood Forming Organs																					
Anaemia	0	6	6										0	1	1						
Leukaemias, aleukaemias, and other diseases of the blood and blood forming organs	1	1	2																		
Chronic Poisonings and Intoxications																					
Alcoholism (acute or chronic)																					
Other chronic poisonings																					
Diseases of the Nervous System and Organs of Special Sense																					
Simple meningitis	1	0	1																		
Progressive locomotor ataxia (tabes dorsalis)																					
Cerebral haemorrhage, cerebral embolism and thrombosis	41	25	66							16	7	23	1	1	2	8	4	12	1	3	4
General paralysis of the insane	33	3	36	33	3	36															
Dementia praecox and other psychoses	9	6	15													1	0	1	1	1	2
Epilepsy	10	3	13										2	3	5						
Other diseases of the nervous system	12	1	13																		
Diseases of the eye, ear and their annexa																					
Diseases of the Circulatory System																					
Pericarditis																					
Acute and chronic endocarditis, valvular diseases	2	0	2										1	0	1						
Diseases of the myocardium	103	99	202	2	2	4				29	18	47	1	1	2	31	29	60	3	3	6
Diseases of the coronary arteries and angina pectoris	23	16	39	3	0	3				5	3	8	1	3	4	2	1	3	1	0	1
Other diseases of the heart	1	2	3							1	1	2									
Arteriosclerosis	9	9	18							5	2	7				2	3	5			
Other diseases of the circulatory system	4	4	8										1	0	1	1	1	2	0	1	1

TABLE No. 38—(Continued)

CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	TOTAL			PSYCHOSES																	
				General Paresis			Alcoholic			With Cerebral Arteriosclerosis			With Convulsive Disorders (Epil.)			Senile			Involutional		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T	M.	F.	T.
Diseases of the Respiratory System																					
Bronchitis	1	1	2										1	0	1	0	1	1			
Pneumonias (lobar, broncho and unspecified)	123	111	234	6	2	8				24	11	35	7	6	13	30	31	61	2	3	5
Pleurisy																					
Other diseases of the respiratory system (not tuberculosis)	2	5	7																0	1	1
Diseases of the Digestive System																					
Ulcer of the stomach or duodenum	0	1	1																		
Diarrhoae and enteritis	1	2	3																		
Appendicitis	1	1	2																		
Hernia, intestinal obstruction	0	4	4																		
Cirrhosis of the liver																					
Other diseases of the liver and biliary passages including biliary calculi	0	1	1																		
Other diseases of the digestive system	2	1	3																		
Diseases of the Genito-Urinary System																					
Nephritis	4	4	8							0	1	1	0	1	1						
Other diseases of the kidneys and ureters																					
Calculi of the urinary passages																					
Diseases of the bladder (tumours excepted)																					
Diseases of the urethra, urinary abscess, etc.																					
Diseases of the prostate																					
Diseases of the genital organs, not specified as venereal																					
Diseases of Pregnancy, Childbirth and the Puerperal State																					
Puerperal septicaemia																					
Other diseases of pregnancy, childbirth and puerperal state																					
Diseases of the Skin and Cellular Tissue	0	1	1							0	1	1									
Diseases of the Bones and Organs of Locomotion																					
Congenital Malformations																					
Senility	4	8	12													4	5	9			
Violent or Accidental Death																					
Suicide	2	1	3																		
Homicide	0	1	1													0	1	1			
Accidental drowning	1	0	1																		
Accidental burns	1	0	1										1	0	1						
Other accidents	1	2	3													0	1	1			
Ill-Defined Causes of Death	0	5	5	0	1	1													0	1	1
GRAND TOTAL	443	376	819	45	11	56				84	48	132	17	17	34	80	79	159	9	15	24

TABLE No. 38—(Continued)

CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	PSYCHOSES																		Without Psychosis and Primary Behaviour Disorders		
	Psycho-neurosis			Manic-Depressive			Dementia Praecox (Schizophrenia)			Paranoia and Paranoid Conditions			With Mental Deficiency			All Other					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Infectious and Parasitic Diseases																					
Typhoid and paratyphoid fever																					
Measles																					
Scarlet fever																					
Diphtheria							0	1	1												
Influenza							0	1	1										0	1	1
Dysentery																					
Tuberculosis of the respiratory system				3	0	3	19	11	30	1	0	1	0	2	2				6	0	6
Other forms of tuberculosis							0	2	2							1	0	1	0	3	3
Syphilis																1	0	1	1	0	1
Purulent infection, septicaemia							0	1	1										3	0	3
Other infectious and parasitic diseases																					
Cancer and other Tumours																					
Cancer and other malignant tumours				0	1	1	5	10	15				1	2	3	1	1	2	0	2	2
Tumours, non-malignant and unspecified				0	1	1															
Rheumatic Diseases, Diseases of Nutrition and of Endocrine Glands and Other General Diseases																					
Acute rheumatic fever																					
Chronic rheumatism and gout																					
Diabetes mellitus																0	1	1			
Diseases of the thyroid and parathyroid glands																					
Other general diseases				1	0	1															
Diseases of the Blood and Blood Forming Organs																					
Anaemia	0	1	1	0	1	1										0	2	2	0	1	1
Leukaemias, aleukaemias, and other diseases of the blood and blood forming organs							1	0	1							0	1	1			
Chronic Poisonings and Intoxications																					
Alcoholism (acute or chronic)																					
Other chronic poisonings																					
Diseases of the Nervous System and Organs of Special Sense																					
Simple meningitis							1	0	1												
Progressive locomotor ataxia (tabes dorsalis)																					
Cerebral haemorrhage, cerebral embolism and thrombosis				1	0	1	10	3	13	0	1	1	0	1	1	2	0	2	2	5	7
General paralysis of the insane																					
Dementia praecox and other psychoses				2	1	3	5	4	9												
Epilepsy																			8	0	8
Other diseases of the nervous system				1	0	1													11	1	12
Diseases of the eye, ear and their annexa																					
Diseases of the Circulatory System																					
Pericarditis																					
Acute and chronic endocarditis, valvular diseases													1	0	1						
Diseases of the myocardium				9	7	16	15	23	38	0	1	1	1	2	3	8	5	13	4	8	12
Diseases of the coronary arteries and angina pectoris				2	1	3	7	4	11	0	1	1				1	2	3	1	1	2
Other diseases of the heart																0	1	1			
Arteriosclerosis							1	2	3										1	2	3
Other diseases of the circulatory system				1	2	3													1	0	1

TABLE No. 38—(Concluded)

CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	PSYCHOSES																		Without Psychosis and Primary Behaviour Disorders		
	Psycho-neurosis			Manic-Depressive			Dementia Praecox (Schizophrenia)			Paranoia and Paranoid Conditions			With Mental Deficiency			All Other					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Diseases of the Respiratory System																					
Bronchitis																					
Pneumonias (lobar, broncho and unspecified)	1	1	2	8	11	19	22	20	42	1	0	1	4	5	9	7	10	17	11	11	22
Pleurisy																					
Other diseases of the respiratory system (not tuberculosis)							0	2	2										2	2	4
Diseases of the Digestive System																					
Ulcer of the stomach or duodenum							0	1	1												
Diarrhoae and enteritis				0	2	2													1	0	1
Appendicitis							0	1	1										1	0	1
Hernia, intestinal obstruction				0	2	2	0	1	1										0	1	1
Cirrhosis of the liver																					
Other diseases of the liver and biliary passages including biliary calculi																			0	1	1
Other diseases of the digestive system				0	1	1	1	0	1										1	0	1
Diseases of the Genito-Urinary System																					
Nephritis							3	2	5							1	0	1			
Other diseases of the kidneys and ureters																					
Calculi of the urinary passages																					
Diseases of the bladder (tumours excepted)																					
Diseases of the urethra, urinary abscess, etc.																					
Diseases of the prostate																					
Diseases of the genital organs, not specified as venereal																					
Diseases of Pregnancy, Childbirth and the Puerperal State																					
Puerperal septicaemia																					
Other diseases of pregnancy, childbirth and puerperal state																					
Diseases of the Skin and Cellular Tissue																					
Diseases of the Bones and Organs of Locomotion																					
Congenital Malformations																					
Senility							0	2	2										0	1	1
Violent or Accidental Death																					
Suicide	1	0	1	0	1	1	1	0	1												
Homicide																					
Accidental drowning																			1	0	1
Accidental burns																					
Other accidents																			1	1	2
Ill-Defined Causes of Death							0	2	2							0	1	1			
GRAND TOTAL	2	2	4	28	31	59	91	93	184	2	3	5	7	12	19	22	24	46	56	41	97

TABLE No. 39

DEATHS BY AGE, SEX AND DIAGNOSIS

	DIAGNOSIS	TOTAL			AGE GROUP																				
					Under 10			10–14			15–19			20–24			25–29			30–34			35–39		
		M.	F.	T.	M.	F.	T.	M	F	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	45	11	56													1	0	1				7	1	8
	02. With other forms of Syphilis	1	0	1																					
	03. With Epidemic Encephalitis	1	0	1																					
	04. With other Infectious Diseases	1	1	2							0	1	1							1	0	1			
	05. Alcoholic Psychoses																								
	06a. Due to Opium and Other Drugs																								
	06b. Due to other Exogenous Toxins																								
	07. Traumatic Psychoses																								
	08. With Cerebral Arteriosclerosis	84	48	132																					
	09. With other Disturbances of Circulation	7	6	13																					
	10. With Convulsive Disorders (Epilepsy)	17	17	34							0	1	1	2	0	2	2	0	2	3	5	8	2	0	2
	11. Senile Psychoses	80	79	159																					
	12 Involutional Psychoses	9	15	24																					
	13 Due to other Metabolic, etc., Diseases	4	12	16										1	0	1	0	1	1				1	1	2
	14. Due to New Growth	1	1	2																					
	15. With Organic Changes of Nervous System	3	2	5																					
	16. Psychoneuroses	2	2	4										0	1	1									
	17. Manic-Depressive Psychoses	28	31	59																1	0	1	0	1	1
	18. Dementia Praecox (Schizophrenia)	91	93	184										2	2	4	5	5	10	6	3	9	7	5	12
	19. Paranoia and Paranoid Conditions	2	3	5																			1	0	1
	20. With Psychopathic Personality																								
	21. With Mental Deficiency	7	12	19										0	2	2							0	2	2
	22. Undiagnosed Psychoses	4	2	6										1	0	1				0	1	1			
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	3	0	3							1	0	1												
	231b. Epileptics who are Feebleminded	20	10	30	5	1	6	3	2	5	2	1	3	6	2	8	2	1	3	1	0	1	1	0	1
	232. Alcoholism	1	0	1																					
	233. Drug Addiction																								
	234. Mental Deficiency	30	30	60	5	4	9	4	1	5	6	3	9	5	2	7	1	1	2	1	1	2	1	3	4
	235. Disorders of Personality	0	1	1																					
	236. Psychopathic Personality	1	0	1																					
	237. Other Non-Psychotic Conditions																								
	24. Primary Behaviour Disorders	1	0	1													1	0	1						
	25. Remand Cases																								
	Total 1–22	387	335	722							0	2	2	6	5	11	8	6	14	11	9	20	18	10	28
	Total 23–25	56	41	97	10	5	15	7	3	10	9	4	13	11	4	15	4	2	6	2	1	3	2	3	5
	GRAND TOTAL	443	376	819	10	5	15	7	3	10	9	6	15	17	9	26	12	8	20	13	10	23	20	13	33

TABLE No. 39—(Concluded)

DEATHS BY AGE, SEX AND DIAGNOSIS

	DIAGNOSIS	AGE GROUP																							
		40–44			45–49			50–54			55–59			60–64			65–69			70 and Over			Unascertained		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	5	3	8	6	3	9	7	0	7	9	1	10	7	2	9	2	1	3	1	0	1			
	02. With other forms of Syphilis										1	0	1												
	03. With Epidemic Encephalitis				1	0	1																		
	04. With other Infectious Diseases																								
	05. Alcoholic Psychoses																								
	06a. Due to Opium and Other Drugs																								
	06b. Due to other Exogenous Toxins																								
	07. Traumatic Psychoses																								
	08. With Cerebral Arteriosclerosis				1	0	1	3	2	5	5	5	10	13	8	21	17	7	24	45	26	71			
	09. With other Disturbances of Circulation										2	1	3	1	1	2	1	2	3	3	2	5			
	10. With Convulsive Disorders (Epilepsy)	0	3	3	1	0	1	4	4	8	1	0	1	0	3	3	1	1	2				1	0	1
	11. Senile Psychoses							1	0	1	0	1	1	4	2	6	4	4	8	71	72	143			
	12. Involutional Psychoses				1	1	2	1	0	1	1	3	4	2	4	6	3	2	5	0	5	5	1	0	1
	13. Due to other Metabolic, etc., Diseases	2	2	4	0	2	2				0	3	3	0	3	3									
	14. Due to New Growth	0	1	1							1	0	1												
	15. With Organic Changes of Nervous System	1	0	1	1	0	1	1	0	1	0	1	1				0	1	1						
	16. Psychoneuroses							1	1	2				1	0	1									
	17. Manic-Depressive Psychoses	1	6	7	1	0	1	6	0	6	4	6	10	2	6	8	2	4	6	11	8	19			
	18. Dementia Praecox (Schizophrenia)	9	5	14	5	6	11	9	11	20	6	12	18	11	7	18	14	14	28	17	23	40			
	19. Paranoia and Paranoid Conditions										0	1	1				0	1	1	1	1	2			
	20. With Psychopathic Personality																								
	21. With Mental Deficiency	0	1	1	1	1	2	2	0	2	0	2	2	2	2	4	0	1	1	2	1	3			
	22. Undiagnosed Psychoses							1	1	2							1	0	1				1	0	1
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	1	0	1				1	0	1															
	231b. Epileptics who are Feebleminded										0	1	1	0	1	1				0	1	1			
	232. Alcoholism																			1	0	1			
	233. Drug Addiction																								
	234. Mental Deficiency	1	2	3				0	1	1	1	3	4	3	6	9				2	3	5			
	235. Disorders of Personality	0	1	1																					
	236. Psychopathic Personality				1	0	1																		
	237. Other Non-Psychotic Conditions																								
	24. Primary Behaviour Disorders																								
	25. Remand Cases																								
	Total 1–22	18	21	39	18	13	31	36	19	55	30	36	66	43	38	81	45	38	83	151	138	289	3	0	3
	Total 23–25	2	3	5	1	0	1	1	1	2	1	4	5	3	7	10				3	4	7			
	GRAND TOTAL	20	24	44	19	13	32	37	20	57	31	40	71	46	45	91	45	38	83	154	142	296	3	0	3

TABLE No. 40

DEATHS BY TOTAL DURATION OF HOSPITAL LIFE AND DIAGNOSIS

	DIAGNOSIS	TOTAL			TOTAL DURATION OF HOSPITAL LIFE																				
					Less than 1 month			1–3 months			4–7 months			8–11 months			1–2 years			3–4 years			5–6 years		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F	T.	M	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	45	11	56	10	2	12	13	1	14	5	1	6	4	0	4	4	3	7	3	2	5	4	0	4
	02. With other forms of Syphilis	1	0	1													1	0	1						
	03. With Epidemic Encephalitis	1	0	1	1	0	1																		
	04. With other Infectious Diseases	1	1	2	1	1	2																		
	05. Alcoholic Psychoses																								
	06a. Due to Opium and Other Drugs																								
	06b. Due to other Exogenous Toxins																								
	07. Traumatic Psychoses																								
	08. With Cerebral Arteriosclerosis	84	48	132	24	14	38	12	2	14	12	7	19	6	3	9	17	9	26	4	5	9	3	2	5
	09. With other Disturbances of Circulation	7	6	13	3	1	4	2	2	4	0	2	2	2	0	2	0	1	1						
	10. With Convulsive Disorders (Epilepsy)	17	17	34	0	3	3	1	0	1							3	4	7	4	3	7	0	1	1
	11. Senile Psychoses	80	79	159	25	8	33	13	18	31	11	7	18	4	4	8	14	17	31	4	13	17	2	3	5
	12. Involutional Psychoses	9	15	24	1	1	2							1	1	2	4	2	6	2	1	3	1	1	2
	13. Due to other Metabolic, etc., Diseases	4	12	16	3	4	7	0	5	5	0	1	1				0	2	2	1	0	1			
	14. Due to New Growth	1	1	2	1	0	1	0	1	1															
	15. With Organic Changes of Nervous System	3	2	5	0	1	1										0	1	1	1	0	1	1	0	1
	16. Psychoneuroses	2	2	4				0	1	1	1	0	1	1	0	1				0	1	1			
	17. Manic-Depressive Psychoses	28	31	59	4	2	6	3	4	7	0	2	2	1	4	5	3	5	8	2	5	7	2	0	2
	18. Dementia Praecox (Schizophrenia)	91	93	184	1	3	4	2	3	5	0	2	2	2	0	2	4	5	9	11	6	17	6	6	12
	19. Paranoia and Paranoid Conditions	2	3	5	1	0	1													0	1	1			
	20. With Psychopathic Personality																								
	21. With Mental Deficiency	7	12	19	1	0	1	0	1	1	0	1	1				2	2	4	0	1	1	2	1	3
	2. Undiagnosed Psychoses	4	2	6	2	0	2	0	1	1	0	1	1	1	0	1									
Without Psychosis	230a. Epilepties not Psychotic or Feebleminded	3	0	3				1	0	1															
	23b1. Epilepties who are Feebleminded	20	10	30	2	0	2	3	0	3	1	1	2				1	3	4	5	1	6	2	1	3
	232. Alcoholism	1	0	1													1	0	1						
	h33. Drug Addiction																								
	234. Mental Deficiency	30	30	60	3	1	4	4	1	5	2	1	3				6	3	9	4	4	8	2	5	7
	235. Disorders of Personality	0	1	1																					
	236. Psychopathic Personality	1	0	1																					
	237. Other Non-Psychotic Conditions																								
	24. Primary Behaviour Disorders	1	0	1																			1	0	1
	25. Remand Cases																								
	Total 1–22	387	335	722	78	40	118	46	39	85	29	24	53	22	12	34	52	51	103	32	38	70	21	14	35
	Total 23–25	56	41	97	5	1	6	8	1	9	3	2	5	0	0	0	8	6	14	9	5	14	5	6	11
	GRAND TOTAL	443	376	819	83	41	124	54	40	94	32	26	58	22	12	34	60	57	117	41	43	84	26	20	46

TABLE No. 40—(Concluded)

DEATHS BY TOTAL DURATION OF HOSPITAL LIFE AND DIAGNOSIS

	DIAGNOSIS	TOTAL DURATION OF HOSPITAL LIFE																				
		7–8 years			9–10 years			11–12 years			13–14 years			15–19 years			20 years and over			Unascertained		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	1	0	1				1	0	1	0	2	2									
	02. With other forms of Syphilis																					
	03. With Epidemic Encephalitis																					
	04. With other Infectious Diseases																					
	05. Alcoholic Psychoses																					
	06a. Due to Opium and Other Drugs																					
	06b. Due to other Exogenous Toxins																					
	07. Traumatic Psychoses																					
	08. With Cerebral Arteriosclerosis	1	3	4	0	1	1	3	2	5	1	0	1	1	0	1						
	09. With other Disturbances of Circulation																					
	10. With Convulsive Disorders (Epilepsy)	3	1	4				1	1	2	1	0	1	2	4	6	2	0	2			
	11. Senile Psychoses	1	3	4	1	1	2	1	0	1				1	2	3	3	3	6			
	12. Involutional Psychoses	0	3	3	0	1	1				0	2	2	0	2	2	0	1	1			
	13. Due to other Metabolic, etc., Diseases																					
	14. Due to New Growth																					
	15. With Organic Changes of Nervous System				1	0	1															
	16. Psychoneuroses																					
	17. Manic-Depressive Psychoses	4	0	4	0	2	2	1	2	3	1	1	2	3	1	4	4	3	7			
	18. Dementia Praecox (Schizophrenia)	10	6	16	10	5	15	3	6	9	6	1	7	11	9	20	25	41	66			
	19. Paranoia and Paranoid Conditions				0	2	2							1	0	1						
	20. With Psychopathic Personality																					
	21. With Mental Deficiency	0	1	1	0	2	2	0	1	1	0	1	1				2	1	3			
	22. Undiagnosed Psychoses	1	0	1																		
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	2	0	2																		
	231b. Epileptics who are Feebleminded	1	2	3	0	1	1				2	0	2	2	0	2	1	1	2			
	232. Alcoholism																					
	233. Drug Addiction																					
	234. Mental Deficiency	2	1	3	2	0	2	2	1	3				0	2	2	3	11	14			
	235. Disorders of Personality										0	1	1									
	236. Psychopathic Personality	1	0	1																		
	237. Other Non-Psychotic Conditions																					
	24. Primary Behaviour Disorders																					
	25. Remand Cases																					
	Total 1–22	21	17	38	12	14	26	10	12	22	9	7	16	19	18	37	36	49	85			
	Total 23–25	6	3	9	2	1	3	2	1	3	2	1	3	2	2	4	4	12	16			
	GRAND TOTAL	27	20	47	14	15	29	12	13	25	11	8	19	21	20	41	40	61	101			

TABLE No. 41

GENERAL STATISTICS

YEAR ENDING MARCH 31st, 1941

HOSPITAL	Date Hospital Opened	Acreage		Acres in Fruit and Vegetables	Acres in Grain	Acres in Buildings and Grounds	Acres in Bush or not Cultivated
		Owned	Rented				
Brockville	1894	569	—	40	369	35	125
Cobourg	1901	12	—	4	—	8	—
Fort William	1936	1,250	—	15	475	25	735
Hamilton	1876	525	—	112	339	74	—
Kingston	1854	258	40	30	202	66	—
Langstaff	1939	0	790	176	554	10	50
London	1870	505	—	85	272	110	38
New Toronto	1890	136	—	60	5	64.5	6.5
Orillia	1876	500	30	98	180	100	152
Penetang	1904	383	—	78	31	25	249
St. Thomas	1939	463	—	38	266	140	19
Toronto	1846	20	—	3	—	17	—
Whitby	1920	640	—	125	365	150	—
Woodstock	1906	354	—	29	195	90	40
ALL HOSPITALS		5.152	860	855	2,987	774.5	1395.5

TABLE No. 42

CLASSIFICATION OF STAFF BY HOSPITAL

YEAR ENDING MARCH 31ST, 1941

HOSPITAL	TOTAL STAFF	Superintendent	Physicians (not on ward duty)	Physicians (on ward duty)	Medical Consultants	Psychologists and Psychometrists	Pathologists	Occupational Therapists	Dentists	Dietitians	Teachers	Instructors	Social Service Workers	Superintendent of Nurses	Graduate Nurses (not on ward duty)	Graduate Nurses (on ward duty)	Nurses-in-Training (not on ward duty)	Nurses-in-Training (on ward duty)
Brockville	240	1	1	3	1	1	0	2	1	1	0	2	1	1	8	38	0	51
Cobourg	71	1	0	1	0	0	0	0	1	1	0	0	1	1	1	37	0	0
Fort William	31	1	0	1	0	0	0	0	1	0	0	0	0	1	0	2	0	0
Hamilton	291	1	1	6	2	1	1	4	1	1	0	1	1	1	3	47	0	50
Kingston	252	1	2	4	1	1	1	4	1	1	0	1	1	1	3	39	0	55
Langstaff	58	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
London	352	1	1	11*	1	1	1	4	1	1	0	0	1	1	10†	82	0	48‡
New Toronto	309	1	0	9	5	0	0	4	1	1	0	2	1	1	4	65	0	54
Orillia	264	1	1	5	1	1	0	0	2	1	12	2	1	1	2	34	0	30
Penetang	125	1	0	2	0	0	0	1	1	0	1	0	0	1	0	9	0	0
Toronto	229	1	0	6	4	0	0	5	1	1	0	0	2	1	0	81	0	0
Whitby	389	1	2	8	1	1	0	5	1	1	0	1	1	1	5	130	0	46
Woodstock	299	1	1	6	0	0	4	4	1	2	1	0	0	2	3	103	0	0
ALL HOSPITALS	2,910	12	10	62	16	6	7	33	14	11	14	9	10	13	39	667	0	334

* Includes 3 Medical Internes.
† Includes 4 Post Graduate Nurses.
‡ Includes 13 Affiliate Nurses.

TABLE No. 42—(Concluded)

CLASSIFICATION OF STAFF BY HOSPITAL

YEAR ENDING MARCH 31ST, 1941

HOSPITAL	Nurse Attendants (not on ward duty)	Nurse Attendants (on ward duty)	Chief Attendant	Attendants (not on ward duty)	Attendants (on ward duty)	Steward, Storekeeper and Store Assistants	Clerical and Stenographic Staff		Kitchen and Dining Room Help		Laundry Help		Other Domestic Help	Farmers, Gardeners and Assistants	Engineers and other Mechanical Help	Other Male Employees	Other Female Employees
							M.	F.	M.	F.	M.	F.					
Brockville	0	0	1	1	61	3	2	8	5	4	1	6	8	7	17	3	1
Cobourg	0	1	0	0	0	2	0	3	1	4	0	2	2	1	6	4	1
Fort William	0	0	1	4	10	1	0	1	1	3	0	0	0	3	1	0	0
Hamilton	0	1	1	8	79	3	2	9	7	8	2	6	1	15	22	3	3
Kingston	1	0	1	0	77	3	1	6	6	0	1	3	7	5	21	2	2
Langstaff	0	0	1	2	31	2	2	0	2	0	0	0	0	14	2	0	0
London	0	1	1	3	82	4	0	9	3	13	3	6	22	13	23	3	2
New Toronto	0	0	1	1	93	3	2	10	2	10	3	5	1	2	22	4	2
Orillia	5	19	1	8	51	3	4	12	10	12	2	5	3	7	20	4	4
Penetang	0	15	1	0	58	2	0	2	2	5	1	3	1	5	7	5	2
Toronto	2	1	1	3	60	2	2	5	4	8	2	6	7	1	11	10	2
Whitby	1	0	1	4	96	4	3	9	8	14	2	5	3	11	22	2	0
Woodstock	3	12	1	9	68	3	1	12	10	18	3	4	2	6	13	5	1
ALL HOSPITALS	12	50	12	43	766	35	19	86	61	99	20	51	57	90	187	45	20

TABLE No. 43

EXPENDITURE REPORTED BY ONTARIO HOSPITALS

April 1st, 1940, to March 31st, 1941

HOSPITALS	TOTAL	Brockville	Cobourg	Fort William	Hamilton	Kingston	London
Total Days Stay	5,082,198	404,857	152,220	33,664	519,465	426,512	580,149
Average Daily Population	13,924	1,109	417	92	1,423	1,169	1,585
Medicines*	$ 129,112.07	$ 8,716.72	$ 2,783.03	$ 1,518.31	$ 16,371.81	$ 9,021.40	$ 13,546.10
Provisions	822,914.69	65,181.37	22,944.12	6,517.03	80,585.66	66,516.85	87,840.05
Boarding-Out	118,094.48	9,707.55	704.01	.....	7,947.68	17,490.03	23,003.68
Fuel, Light and Water	413,883.17	34,416.78	17,216.66	3,532.05	52,238.41	31,343.58	42,800.79
Clothing	135,440.08	8,872.28	5,180.30	1,695.54	11,963.57	9,937.10	14,216.01
Laundry and Cleaning	77,428.13	4,989.14	2,866.36	1,418.60	7,445.46	5,565.09	9,748.37
Furniture and Furnishings	119,671.02	8,339.96	2,677.34	1,473.93	12,587.89	6,522.93	17,480.88
Office Expense	23,070.79	2,115.68	858.18	344.71	2,955.43	2,071.74	2,122.81
Allowances†	171,694.83	18,046.52	6,970.09	1,684.00	23,584.43	15,860.91	21,248.31
Feed, Fodder and Livestock	134,613.64	17,895.30	.....	12,726.10	23,444.99	7,964.89	18,868.67
Farm Expense	46,671.42	5,089.95	218.20	2,458.70	5,910.92	3,899.16	4,784.62
Contingencies	49,963.25	4,389.41	2,078.14	2,063.77	5,896.71	4,026.50	5,032.82
Salaries	2,984,147.75	241,848.03	82,637.98	33,524.28	306,157.90	260,022.07	352,284.54
Total Gross	5,226,705.32	429,608.69	147,134.41	68,957.02	557,090.86	440,242.25	612,977.65
Less Recoveries‡	1,385,014.45	108,236.64	24,604.77	21,374.15	137,129.85	81,761.28	175,258.56
Total Net	3,841,690.87	321,372.05	122,529.64	47,582.87	419,961.01	358,480.97	437,719.09
Repairs to Building Expense	111,516.76	8,877.09	2,432.65	3,058.90	16,467.10	12,421.93	12,160.14
TOTAL	3,953,207.63	330,249.14	124,962.29	50,641.77	436,428.11	370,902.90	449,879.23

* Medicines include tobacco.

† Allowances include employees' meals, employees' uniforms and employees' other allowances.

‡ Recoveries include farm recovery, miscellaneous receipts, perquisites and patients' maintenance.

(Langstaff figures not available).

TABLE No. 43—(Concluded)

EXPENDITURE REPORTED BY ONTARIO HOSPITALS

April 1st, 1940, to March 31st, 1941

HOSPITALS	New Toronto	Orillia	Penetang	Toronto	Whitby	Woodstock
Total Days Stay	514,099	723,644	214,793	447,929	623,183	441,683
Average Daily Population	1,408	1,984	591	1,227	1,707	1,210
Medicines*	$ 12,305.07	$ 10,788.48	$ 5,805.28	$ 14,825.37	$ 12,798.19	$ 20,632.31
Provisions	75,624.12	107,219.59	38,415.69	75,823.07	98,774.79	97,472.35
Boarding-Out	20,315.14	.....	7,412.25	10,913.77	20,600.37	.....
Fuel, Light and Water	39,204.28	41,514.84	19,944.80	29,683.84	60,318.98	41,668.16
Clothing	17,895.74	22,947.61	7,064.99	11,193.33	12,400.21	12,073.40
Laundry and Cleaning	7,595.63	10,335.25	2,935.53	6,898.04	9,618.46	8,012.20
Furniture and Furnishings	15,611.01	16,127.82	3,577.10	12,737.13	12,889.59	9,645.44
Office Expense	2,360.49	2,037.29	982.64	1,724.13	2,432.27	3,065.42
Allowances†	13,448.41	17,003.69	9,964.53	10,394.84	26,186.77	7,302.33
Feed, Fodder and Livestock	1,518.54	19,068.85	8,188.73	.....	17,816.25	7,121.32
Farm Expense	2,860.35	5,494.87	3,383.52	413.10	8,276.14	3,881.89
Contingencies	4,338.30	4,840.06	1,978.16	4,941.21	4,841.72	5,536.45
Salaries	307,853.07	281,276.10	139,537.70	263,435.78	382,405.74	333,164.56
Total Gross	520,930.15	538,654.45	249,190.92	442,983.61	669,359.48	549,575.83
Less Recoveries ‡	115,275.30	123,425.16	46,058.52	94,363.55	298,575.62	158,951.05
Total Net	405,654.85	415,229.29	203,132.40	348,620.06	370,783.86	390,624.78
Repairs to Building Expense	10,722.47	10,695.38	6,060.89	7,415.89	7,254.87	13,949.45
TOTAL	416,377.32	425,924.67	209,193.29	356,035.95	378,038.73	404,574.23

* Medicines include tobacco.

† Allowances include employees' meals, employees' uniforms and employees' other allowances.

‡ Recoveries include farm recovery, miscellaneous receipts, perquisites and patients' maintenance.

(Langstaff figures not available).

TABLE No. 44

COST PER PATIENT PER DAY BY HOSPITAL

April 1st, 1940, to March 31st, 1941

ITEMS	Total	Brockville	Cobourg	Fort William	Hamilton	Kingston	London	New Toronto	Orillia	Penetang	Toronto	Whitby	Woodstock
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Medicines*	2.54	2.16	1.83	4.51	3.15	2.11	2.33	2.37	1.49	2.71	3.31	2.05	4.67
Provisions (includes Boarding-Out)	16.19	18.50	15.54	19.36	17.04	19.69	19.11	18.64	14.81	21.33	19.37	19.16	22.07
Boarding-Out	2.32	2.40	.46	—	1.53	4.10	3.97	3.95	.19	3.45	2.44	3.30	.25
Fuel, Light and Water	8.14	8.50	11.31	10.49	10.06	7.38	7.38	7.79	5.74	9.29	6.63	9.68	9.43
Clothing	2.66	2.19	3.40	5.04	2.30	2.33	2.45	3.47	3.17	3.29	2.50	1.99	2.73
Laundry and Cleaning	1.52	1.23	1.88	4.22	1.44	1.30	1.68	1.46	1.43	1.37	1.54	1.54	1.82
Furniture and Furnishings	2.35	2.06	1.76	4.38	2.42	1.53	3.01	3.02	2.23	1.67	2.81	2.07	2.19
Office Expense	0.45	.52	.56	1.02	.56	.49	.37	.45	.28	.46	.38	.39	.69
Allowances†	3.38	4.46	4.58	5.00	4.54	3.72	3.67	2.59	2.35	4.63	2.32	4.20	1.65
Feed and Fodder	2.65	4.42	—	37.80	4.51	1.86	3.25	.28	2.63	4.54	—	2.86	1.62
Farm Expense	0.92	1.26	.14	7.31	1.14	.91	.82	.55	.76	.84	.09	1.33	.88
Contingencies	0.93	1.08	1.37	6.13	1.14	.94	.87	.83	.67	.92	1.10	.78	1.25
Salaries	58.72	59.74	54.29	99.58	58.94	60.95	60.73	59.88	38.87	64.96	58.81	61.36	75.44
Total Gross Per Diem	102.84	106.12	96.66	204.84	107.24	103.21	105.67	101.33	74.43	116.01	98.89	107.41	124.44
Less Recoveries‡	27.25	34.60	16.28	81.87	34.27	23.93	35.56	21.48	20.07	28.47	21.31	53.03	38.64
Total Net Per Diem	75.59	71.52	80.38	122.97	72.97	79.28	70.11	76.85	54.36	87.54	77.58	54.38	85.80
Repairs to Building Expense	2.19	2.19	1.60	9.09	3.17	2.91	2.10	2.09	1.48	2.82	1.66	1.16	3.16
TOTAL	77.78	73.71	81.98	132.06	76.14	82.19	72.21	78.94	55.84	90.36	79.24	55.54	88.96

* Medicines include tobacco.

† Allowances include employees' meals, employees' uniforms and employees' other allowances.

‡ Recoveries include farm recovery, miscellaneous receipts, perquisites and patients' maintenance.

(Note: Langstaff figures not available.)

TABLE No. 45

ANNUAL DENTAL REPORT—ONTARIO HOSPITALS

YEAR ENDING MARCH 31, 1941

	TOTAL	Brockville	Cobourg	Fort William	Hamilton	Kingston	Langstaff	London	New Toronto	Orillia	Penetang	Toronto	Whitby	Woodstock
Patients at Clinic	32,473	2,277	862	344	2,165	2,356	945	3,930	3,013	4,126	989	2,642	5,945	2,879
Examinations Only	9,665	494	287	159	778	395	550	518	1,547	1,416	272	469	2,288	492
Patients Treated	22,808	1,783	575	185	1,387	1,961	395	3,412	1,466	2,710	717	2,173	3,657	2,387
Patients X-Rayed	1,430	131	68	0	194	17	0	272	236	164	4	136	110	98
Number of Pictures Taken	13,619	1,326	854	0	1,817	149	0	3,590	2,050	1,171	40	1,705	494	423
Extractions	8,130	503	176	191	1,310	141	164	567	643	1,068	371	979	1,147	870
General Anaesthetics	29	0	0	0	2	1	2	20	2	0	0	2	0	0
Local Anaesthetics	5,983	506	129	140	954	125	99	227	471	735	307	965	721	604
Fillings	8,491	851	203	81	687	251	159	989	580	1,529	55	198	685	2,223
Pyorrhoea Treatments	3,036	15	15	7	88	1,317	262	271	321	309	0	86	179	166
Prophylaxis	6,473	446	144	104	164	1,451	324	243	440	761	190	766	423	1,017
Other Treatments	5,650	328	76	0	91	1,597	20	1,232	249	208	2	566	956	325
Replacements	300	30	0	0	21	5	13	74	14	2	0	39	32	70
Dentures Repaired	453	22	18	0	18	16	6	54	36	11	46	55	61	110

TABLE No. 46

LABORATORY AND PATHOLOGICAL REPORT

April 1, 1940, to March 31, 1941

PROCEDURES	TOTAL	Brockville	Cobourg	Fort William	Hamilton	Kingston	London	New Toronto	Orillia	Penetang	Toronto	Whitby	Woodstock	Psychiatric
Urinalysis:														
Chemical	18,741	548	304	162	5,195	1,358	1,261	3,297	1,320	137	1,363	2,443	546	807
Microscopic	10,546	143	35	0	1,505	430	1,254	2,687	677	68	353	2,260	435	699
Other Procedures	2,885	0	120	0	33	0	0	1,120	1,381	0	11	1	219	0
Blood Examinations:														
White Cell Counts	5,231	187	2	114	606	257	662	1,393	525	28	211	387	210	649
Red Cell Counts	4,556	182	2	114	625	394	678	1,110	466	23	254	311	253	144
Differential Counts	1,547	62	2	114	89	20	85	962	12	8	26	69	60	38
Haemoglobin Estimations	5,681	193	101	114	615	405	797	1,208	462	28	322	312	493	631
Chemical Examinations	609	0	0	0	24	36	66	0	0	24	135	54	0	270
Blood Cultures	197	1	2	0	15	4	19	8	5	1	48	57	34	3
Blood Sugars	1,073	1	5	62	227	20	195	28	2	5	228	149	50	101
Glucose Tolerance Tests	166	6	0	0	25	0	86	2	0	2	29	9	0	7
Widal and B. Abortus Agglutinations	780	0	1	0	0	2	766	0	7	2	0	0	0	2
Hinton's	1,402	0	6	0	0	99	544	0	0	0	55	0	233	465
Wassermann's	3,503	372	117	93	611	217	72	448	334	50	668	521	0	0
Kahn's	4,106	0	65	93	1	316	714	448	334	50	613	521	312	639
Presumptive Kahn's	183	0	0	0	0	0	183	0	0	0	0	0	0	0
Spinal Fluid Examinations:														
Cell Counts	930	0	0	35	49	89	288	142	56	0	186	42	32	11
Globulin Tests	920	5	1	37	0	93	289	142	56	2	186	42	32	35
Colloidal Golds and Mastics	1,253	69	1	31	0	89	572	107	56	2	217	42	32	35
Hinton's	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wassermann's	1,006	58	1	37	48	85	284	107	56	4	217	42	32	35
Kahn's	926	38	1	37	0	89	269	107	56	4	217	42	32	34
Sputum Examinations	12,084	556	36	50	677	43	512	88	74	20	2,586	799	6,526	117
Throat Swabs	415	1	0	117	4	5	67	29	147	0	20	11	12	2
Faecal Examinations	758	1	0	0	19	59	312	42	295	1	5	19	1	4
Gastric Analysis	14	0	0	0	0	0	1	1	0	0	1	8	1	2
Basal Metabolism	49	0	0	0	0	1	28	0	0	0	0	12	0	8
Tissue Examinations:	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Surgical	96	0	0	0	0	69	23	0	1	2	0	0	0	1
Post Mortem	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Autopsies	31	0	0	3	6	8	13	0	0	0	0	0	0	1
Serological Therapy	11,236	0	306	158	0	2	2,000	113	0	106	6,312	1,201	1,038	0
Other Tests (not listed)	5,935	248	15	468	71	116	602	0	90	232	672	191	3,158	72
TOTAL PROCEDURES	96,860	2,672	1,123	1,839	10,445	4,306	12,642	13,589	6,412	799	14,935	9,545	13,741	4,812

TABLE No. 47

REPORT OF WORK BY ONTARIO HOSPITALS CHEST CLINIC

For Fiscal Year Ending March 31st, 1941

	Toronto Psychiatric		Brockville		Cobourg		Fort William		Hamilton		Kingston		London		New Toronto		Orillia	
	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients
No. of individuals considered	116	479	331	1,326	97	467	38	180	374	1,800	327	1,479	558	1,950	435	1,730	295	2,122
No. of chest examinations performed	16	0	46	77	27	12	0	0	90	109	80	153	81	71	54	114	71	90
No. of chest X-rays interpreted	124	479	354	1,366	111	474	38	180	419	1,856	368	1,562	599	1,988	462	1,793	331	1,309
No. of Tuberculin tests performed	104	...	418	...	62	...	32	...	406	...	308	...	700	...	576	...	380	2,095
No. of cases advised for treatment (active disease)	0	1	1	8	1	2	0	1	0	5	2	18	1	6	1	22	0	4
No. of cases advised for investigation in hospitals. Staff merely repeat X-rays. Patients segregated while investigated	8	6	23	124	13	44	0	2	45	117	39	177	40	141	27	157	35	96
Total number of cases showing significant pulmonary tuberculosis	8	7	24	132	14	46	0	3	45	122	41	195	41	147	28	179	35	100

TABLE No. 47—(Concluded)

REPORT OF WORK BY ONTARIO HOSPITALS CHEST CLINIC

For Fiscal Year Ending March 31st, 1941

	Penetang		Toronto		Whitby		Woodstock		Langstaff		T.B. Unit		Colony Houses		Totals		Grand Totals
	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	
No of individuals considered	141	613	283	1,567	444	1,961	340	744	101	317	...	697	5	50	3,885	17,482	21,367
No of chest examinations performed	34	43	52	75	64	162	44	14	4	12	...	1,394	0	0	663	2,326	2,989
No of chest X-rays interpreted	158	635	309	1,605	476	2,047	363	751	103	323	...	1,394	5	50	4,220	17,812	22,032
No. of Tuberculn tests performed	132	...	202	...	494	...	347	...	90	...	...	...	...	...	4,251	2,095	6,346
No. of cases advised for treatment (active disease)	0	2	0	6	2	9	4	15	0	0	...	...	0	0	12	99	111
No. of cases advised for investigation in hospitals. Staff merely repeat X-rays. Patients segregated while investigated	17	95	26	122	32	139	21	29	2	23	...	...	0	0	328	1,272	1,600
Total number of cases showing significant pulmonary tuberculosis	17	97	26	128	34	148	25	44	2	23	...	...	0	0	340	1,371	1,711

TABLE No. 48

MOVEMENT OF PATIENT POPULATION—PSYCHIATRIC HOSPITAL, TORONTO

YEAR ENDING MARCH 31, 1941

POPULATION	Male	Female	TOTAL
1. Patients in Residence, April 1, 1940	31	33	64
2. Patients Admitted During Year:			
First Admissions	213	249	462
Re-Admissions	52	56	108
Total Admissions	265	305	570
3 Total Patients Under Care	296	338	634
4 Discharged From Books During Year:			
Discharged as Improved	93	128	221
Discharged as Unimproved	34	39	73
Returned to Court	51	24	75
Total Discharges	178	191	369
Transfers	85	111	196
Deaths	6	2	8
Patients Discharged from Books	269	304	573
5. Patients in Residence, March 31, 1941	27	34	61
6. Daily Average Population in Residence	28.0	33.8	61.8
7. Normal Capacity of Institution	40	40	80
8. Patients Examined at Mental Health Clinic	713	932	1,645

SUPPLEMENTARY STATISTICAL TABLES ON THE ONTARIO HOSPITAL SCHOOL, ORILLIA

(HOSPITAL FOR MENTALLY DEFECTIVE)

TABLE A.

PATIENTS IN RESIDENCE BY SEX AND MENTAL STATUS
MARCH 31, 1941

MENTAL STATUS	Male	Female	TOTAL
Idiot	222	209	431
Imbecile	549	505	1054
Moron	227	250	477
Borderline	23	25	48
Not Mentally Defective	6	5	11
TOTAL	1027	994	2021

TABLE B.

FIRST ADMISSIONS BY MENTAL STATUS AND AGE

AGE GROUP (Years)	Idiot			Imbecile			Moron			Not Mentally *Defective			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10	15	12	27	11	10	21	8	5	13	0	1	1	34	28	62
10 - 14	7	3	10	21	13	34	11	10	21	2	2	4	41	28	69
15 - 19	2	1	3	5	6	11	11	12	23	0	2	2	18	21	39
25 years & over	–	–	–	2	2	4	3	1	4	–*	–	–	5	3	8
TOTAL	24	16	40	39	31	70	33	28	61	2	5	7	98	80	178

* Borderline and Dull Normal

TABLE C.

FIRST ADMISSIONS BY MENTAL STATUS AND ECONOMIC CONDITION

ECONOMIC CONDITION	Idiot			Imbecile			Moron			Not Mentally Defective			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Dependent	2	7	9	17	14	31	23	19	42	1	3	4	43	43	86
Marginal	21	9	30	21	15	36	10	6	16	1	2	3	53	32	85
Comfortable ..	1	0	1	1	1	2	–	–	–	–	–	–	2	1	3
Unascertained..	–	–	–	0	1	1	0	3	3	–	–	–	0	4	4
TOTAL ...	24	16	40	39	31	70	33	28	61	2	5	7	98	80	178

TABLE D

FIRST ADMISSIONS BY MENTAL STATUS AND CLINICAL DIAGNOSIS

CLINICAL CLASSIFICATION	Idiot			Imbecile			Moron			Not Mentally Defective			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Familial	5	3	8	7	13	20	13	20	33	1	0	1	26	36	62
Mongolism	6	0	6	8	3	11	–	–	–	–	–	–	14	3	17
With developmental cranial anomalies	5	6	11	5	4	9	1	3	4	–	–	–	11	13	24
With congenital cerebral spastic infantile paralyses	0	1	1	–	–	–	1	0	1	–	–	–	1	1	2
Post-infectional	1	1	2	2	0	2	–	–	–	–	–	–	3	1	4
Post-traumatic	–	–	–	1	0	1	–	–	–	–	–	–	1	0	1
With epilepsy	6	1	7	7	4	11	2	0	2	–	–	–	15	5	20
With endocrine disorder	–	–	–	0	1	1	1	0	1	–	–	–	1	1	2
With other organic nervous disease	–	–	–	0	1	1	–	–	–	–	–	–	0	1	1
Undifferentiated	0	1	1	3	3	6	15	5	20	1	4	5	19	13	32
Other forms	0	2	2	6	1	7	–	–	–	0	1	1	6	4	10
Others	1	1	2	0	1	1	–	–	–	–	–	–	1	2	3
TOTAL	24	16	40	39	31	70	33	28	61	2	5	7	98	80	178

TABLE E

DISCHARGE BY MENTAL STATUS AND CHRONOLOGICAL AGE

AGE GROUP	Idiot			Imbecile			Moron			Not Mentally Defective			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 years	1	0	1	1	0	1	2	1	3	1	0	1	5	1	6
10 - 14 years..	0	3	3	1	1	2	3	0	3	1	0	1	5	4	9
15 - 19 years..	0	1	1	4	3	7	13	11	24	1	4	5	18	19	37
20 - 24 years..	–	–	–	2	0	2	6	5	11	1	1	2	9	6	15
25 - 29 years..	–	–	–	0	1	1	2	3	5	0	1	1	2	5	7
30 years & over	–	–	–	–	–	–	1	1	2	–	–	–	1	1	2
TOTAL....	1	4	5	8	5	13	27	21	48	4	6	10	40	36	76

TABLE F

DISCHARGES BY ABILITY OF PATIENT ON DISCHARGE AND CLINICAL CLASSIFICATION

CLINICAL CLASSIFICATION	Capable of Self-support			Capable of Partial Self-Support			Incapable of Productive Work			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Familial	8	7	15	9	8	17	3	0	3	20	15	35
Mongolism	–	–	–	0	1	1	0	1	1	0	2	2
With developmental cranial anomalies	1	3	4	7	7	14	4	2	6	12	12	24
With congenital cerebral spastic infantile paralyses	–	–	–	–	–	–	0	1	1	0	1	1
Post-infectional	–	–	–	–	–	–	0	1	1	0	1	1
Post-traumatic	–	–	–	–	–	–	–	–	–	0	0	0
With epilepsy	–	–	–	2	0	2	2	1	3	4	1	5
With endocrine disorder	–	–	–	1	0	1	–	–	–	1	0	1
Undifferentiated	0	1	1	3	3	6	–	–	–	3	4	7
TOTAL	9	11	20	22	19	41	9	6	15	40	36	76

TABLE G

DEATHS BY MENTAL STATUS AND CHRONOLOGICAL AGE

AGE GROUP	Idiot			Imbecile			Moron			Not Mentally Defective			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 years	9	3	12	1	2	3	–	–	–	–	–	–	10	5	15
10 - 14 years..	6	2	8	1	1	2	–	–	–	–	–	–	7	3	10
15 - 19 years ..	3	2	5	2	1	3	1	1	2	–	–	–	6	4	10
20 - 24 years..	6	2	8	1	0	1	0	1	1	–	–	–	7	3	10
25 - 29 years..	2	0	2	–	–	–	–	–	–	–	–	–	2	0	2
30 - 34 years..	–	–	–	–	–	–	–	–	–	–	–	–	0	0	0
35 - 39 years..	–	–	–	–	–	–	–	–	–	–	–	–	0	0	0
40 - 44 years..	–	–	–	0	1	1	–	–	–	–	–	–	0	1	1
45 - 49 years..	–	–	–	–	–	–	–	–	–	–	–	–	0	0	0
50 and over...	–	–	–	1	6	7	0	1	1	–	–	–	1	7	8
Unascertained..	–	–	–	–	–	–	–	–	–	–	–	–	0	0	0
TOTAL...	26	9	35	6	11	17	1	3	4	0	0	0	33	23	56

SUPPLEMENTARY STATISTICAL TABLES ON THE ONTARIO HOSPITAL, WOODSTOCK

TABLE A

FIRST ADMISSIONS AND PATIENTS IN RESIDENCE BY SEX AND MENTAL STATUS

MENTAL STATUS	First Admissions			Patients In Residence		
	Male	Female	Total	Male	Female	Total
Normal	5	4	9	12	25	37
Subnormal	8	13	41	188	207	397
Idiot	0	0	0	11	7	18
Imbecile	2	2	4	62	78	140
Moron	1	7	8	81	96	177
Borderline	5	4	9	34	28	62
Unascertained	51	25	76	439	356	795
TOTAL	64	42	106	639	590	1229

TABLE B

FIRST ADMISSIONS BY EPILEPTIC GROUPS AND TYPES OF SEIZURE

TYPES OF SEIZURE	Symptomatic									Idiopathic			Not Epileptic and Un-classified			TOTAL		
	Toxaemic						Due to Brain Disease											
	Exogenous			Endogenous														
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Petit Mal	–	–	–	0	1	1	–	–	–	3	0	3	–	–	–	3	1	4
Grand Mal	–	–	–	–	–	–	1	0	1	5	0	5	–	–	–	6	0	6
Petit & Grand Mal...	–	–	–	–	–	–	8	3	11	19	22	41	–	–	–	27	25	52
Petit and / or Grand Mal with Post-Epileptic States ..	–	–	–	0	1	1	2	2	4	8	2	10	–	–	–	10	5	15
Petit and / or Grand Mal with Psychic Equivalents	–	–	–	–	–	–	–	–	–	2	1	3	–	–	–	2	1	3
Petit and / or Grand Mal with Hysteroid	–	–	–	–	–	–	–	–	–	0	2	2	–	–	–	0	2	2
Jacksonian	–	–	–	–	–	–	1	0	1	–	–	–	–	–	–	1	0	1
Psychic Equivalent..	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	0	0
Not Epileptic; Hysteroid and Unclassified	–	–	–	–	–	–	–	–	–	–	–	–	4	1	5	4	1	5
TOTAL	0	0	0	0	2	2	12	5	17	37	27	64	4	1	5	53	35	88

NOTE: Includes one male epileptic admitted to T. B. Unit and transferred to Epilepsy Division.

TABLE C

FIRST ADMISSIONS BY DURATION OF EPILEPSY BEFORE ADMISSION AND BY EPILEPTIC GROUPS

DURATION OF EPILEPSY BEFORE ADMISSION	Symptomatic									Idiopathic			Not Epileptic and Unclassified			TOTAL		
	Toxaemic						Due to Brain Disease											
	Exogenous			Endogenous														
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 1 year..	–	–	–	–	–	–	1	0	1	1	0	1	–	–	–	2	0	2
1 year	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	0	0
2 years	–	–	–	–	–	–	–	–	–	2	1	3	–	–	–	2	1	3
3 - 4 years....	–	–	–	–	–	–	0	1	1	3	1	4	–	–	–	3	2	5
5 - 9 years....	–	–	–	–	–	–	3	0	3	8	0	8	–	–	–	11	0	11
10 years & over	–	–	–	0	2	2	8	4	12	23	25	48	–	–	–	31	31	62
Unascertained .	–	–	–	–	–	–	–	–	–	–	–	–	4	1	5	4	1	5
TOTAL	0	0	0	0	2	2	12	5	17	37	27	64	4	1	5	53	35	88

NOTE: Includes one male epileptic admitted to T.B. Unit and transferred to Epilepsy Division.

TABLE D

ETIOLOGICAL FACTORS* AMONG FIRST ADMISSIONS BY EPILEPTIC GROUPS

ETIOLOGICAL FACTORS	Symptomatic									Idiopathic			Not Epileptic and Unclassified			TOTAL		
	Toxaemic						Due to Brain Disease											
	Exogenous			Endogenous														
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Head injury at birth	–	–	–	–	–	–	3	3	6	–	–	–	–	–	–	3	3	6
Trauma since birth	–	–	–	–	–	–	4	2	6	–	–	–	–	–	–	4	2	6
Developmental defects	–	–	–	–	–	–	3	3	6	5	2	7	–	–	–	8	5	13
Meningo - encephalitic complicating infections x ..	–	–	–	–	–	–	2	0	2	–	–	–	–	–	–	2	0	2
Gastro - intestinal disorders	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	0	0
Other infectious diseases ...	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	0	0
Cerebro - vascular sclerosis	–	–	–	–	–	–	1	0	1	–	–	–	–	–	–	1	0	1
Syphilis acquired	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	0	0
Syphilis hereditary	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	0	0
Alcoholism ...	–	–	–	–	–	–	1	0	1	–	–	–	–	–	–	1	.0	1
Endocrinopathy	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0	0	0
Pregnancy	–	–	–	0	1	1	–	–	–	–	–	–	–	–	–	0	1	1
Family history of convulsions	–	–	–	–	–	–	2	1	3	10	7	17	–	–	–	12	8	20
Other specified causes	–	–	–	0	2	2	5	3	8	6	8	14	–	–	–	11	13	24
Cause unascertained	–	–	–	–	–	–	–	–	–	19	12	31	–	–	–	19	12	31
Not epileptic..	–	–	–	–	–	–	–	–	–	–	–	–	4	1	5	4	1	5
TOTAL	0	0	0	0	3	3	21	12	33	40	29	69	4	1	5	65	45	110

*If more than one etiological factor is found, all are reported in table.

x Includes all cases due to lesions resulting from non-syphilitic meningitis or encephalitis; e.g., scarlet fever, measles, influenza, typhoid fever, encephalitis lethargica, etc.

NOTE: Include one male epileptic admitted to T.B. Unit and transferred to Epilepsy Division.

TABLE E

DISCHARGES BY EPILEPTIC GROUPS AND CONDITION ON DISCHARGE

CONDITION ON DISCHARGE	Symptomatic									Idiopathic			Not Epileptic and Unclassified			TOTAL		
	Toxaemic						Due to Brain Disease											
	Exogenous			Endogenous														
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Recovered	2	0	2	0	1	1	4	1	5	13	9	22	–	–	–	19	11	30
Improved	1	0	1	–	–	–	3	0	3	18	8	26	–	–	–	22	8	30
Unimproved ..	2	0	2	1	0	1	6	3	9	15	5	20	–	–	–	24	8	32
Not epileptic ..	–	–	–	–	–	–	–	–	–	–	–	–	6	2	8	6	2	8
TOTAL ...	5	0	5	1	1	2	13	4	17	46	22	68	6	2	8	71	29	100

TABLE F

CENSUS OF PATIENT POPULATION AT END OF YEAR

DIAGNOSIS	Remaining in Residence*			On Probation & Eloped		
	Male	Female	Total	Male	Female	Total
Epileptics not insane or feebleminded	53	47	100	8	10	18
Epileptics who are feebleminded	87	129	216	9	6	15
Insane epileptics	158	147	305	5	8	13
Feebleminded, not epileptic	42	31	73	3	–	3
All other cases.....	299	236	535	5	2	7
TOTAL	639	590	1229	30	26	56

*Includes patients in boarding homes.

MENTAL HEALTH CLINICS

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The following brief analysis draws attention to some of the salient features of the work done by the Ontario Mental Health Clinics during the year April 1, 1940 to March 31, 1941.

Table No. 1 shows the number of new cases seen by each clinic during the year, the number of case contacts during the year and the total number of new cases seen by the clinics since the inauguration of the Mental Health Clinic service in June, 1930.

In Table No. 2 there are give na number of the sources from which the clinics receive their cases. It will be seen that 48 per cent of the total number of new cases were referred to the clinic by Medical Agencies. Welfare Agencies referred 28 per cent. These two Agencies refer more than 75 per cent of the total cases examined by the clinics.

The slight predominance of the male cases over the female cases is shown in Table No. 3. Fifty-six per cent of the new cases examined were males.

Table No. 4 shows the number and per cent of new cases by age groups. The greatest percentage of these cases (42.2%) are adults. The next largest group may be classified as being of school age, (6-13 years) and contribute 26.8 per cent of the total cases. Previous to 1938, this group, (6-13 years) contributed up to fifty per cent of the total. It may be assumed, therefore, that there is an increasing tendency on the part of adults to make use of the clinic facilities.

Table No. 5 presents certain of the specific problem encountered by the Mental Health Clinics. Suspected Mental Illness and Suspected Mental Defect combined contribute 1,085 cases or 33.5 per cent of the total number of cases for the year. Juvenile Delinquency follows with 469 cases or 14.5 per cent of the total. Since 1937, the number of cases classified as Suspected Mental Defect has dropped from 24.3 per cent to 13.1 per cent.

The Intelligence grades of Clinic patients are given in Table No. 6. The group comprising "Normal" and "Undiagnosed" contributed 57.2 per cent of the total cases for the year, whereas the "Mental Defect" group contributed only 15.0 per cent. In 1937 these two groups comprised 46.8 per cent and 21.0 per cent, respectively. As the "Normal" and "Undiagnosed" group has increased and the "Mental Defect' group has shown a corresponding decrease.

In Table No. 7 are shown certain specific psychiatric conditions, which were found among the 3,235 new cases seen by the Mental Health Clinics. Of the total number, 11.9 per cent were classified as "Neuroses;" those classified mentally "Schizophrenia" were less numerous (7.3 per cent). Patients classified mentally defective contributed 13.3 per cent.

In Table No. 8 the frequency, with which certain forms of treatment have been recommended, will be found. For over 500 cases, "Physical Care" has been recommended. Institutionalization has been advised for 485, or 15 per cent of all cases seen. Nine per cent were recommended for admission to the Ontario Hospital, Orillia, and 62 per cent for admission to other Ontario Hospitals. The number of cases recommended for institutionalization had been steadily decreasing for the last few years, but this year it has risen again sharply, as is shown by the following figures — 1937 - 276; 1938 - 178; 1939 - 166; 1940 - 151; 1941 - 344.

TABLE No. 1

CASE LOAD — YEAR ENDING MARCH 31, 1941

CLINICS	Current Year		
	No. of New Cases	No. of Case Contacts x	All Years
Brockville	838	3,973	5,000
Hamilton	705	4,839	6,288
Kingston	567	2,001	3,705
London	782	2,049	6,533
New Toronto	–	–	1,720*
Orillia	–	–	1,568*
Whitby	517	2,153	3,745
Toronto Psychiatric	625	Not Available	7,163
TOTAL	4.034	14,997	35,722

* New Toronto Clinic figures are for 1931-1937.
Orillia, Clinic figures are for 1931-1940.
x Any contact made by any ONE member of the clinic staff and includes all the new cases.

In the tables No. 2 to No. 8, all cases examined at the Toronto Psychiatric Out Patient Clinic are excluded. Only 531 (cases seen only at Clinic Centres) of the 705 new cases seen by the Hamilton Clinic are included in the following tables.

TABLE No. 2

NEW CASES BY REFERRING AGENCY

REFERRING AGENCY	Number of Cases	Per Cent
Welfare Agencies	**921**	**28.4**
Relief Agencies	11	0.3
Mothers' Allowance Commission	98	3.1
Children's Aid Society	707	21.8
Other Agencies	105	3.2
Medical Agencies	**1,551**	**48.0**
Family Physician	838	25.9
School Medical Services	141	4.4
General Hospitals	92	2.8
Mental Hospitals	248	7.7
Other Health Agencies	232	7.2
Educational Agencies	**246**	**7.7**
Courts	**288**	**8.9**
Adult	178	5.5
Juvenile	110	3.4
Family	**52**	**1.6**
Self	**21**	**0.7**
Other	**156**	**4.8**
TOTAL	3,235	100.0

TABLE No. 3

NEW CASES BY SEX

SEX	Number	Per Cent
Male	1,807	56
Female	1,428	44
Both Sexes	3,235	100

TABLE No. 4

NEW CASES BY AGE

AGE GROUPS (Years)	Number of Cases	Per Cent
0 - 5	319	9.9
6 - 13	865	26.8
14 - 21	654	20.2
22 and over	1,365	42.2
Not Stated	32	0.9
TOTAL	3,235	100.0

TABLE No. 5

FREQUENCY OF CERTAIN SPECIFIC PROBLEMS

PROBLEM	Number of Cases	Per Cent
Suspected Mental Illness	661	20.4
Suspected Mental Defect 1	424	13.1
Convulsive Disorders	102	3.2
Probation Supervision	136	4.2
Boarding Home Supervision	61	1.9
Juvenile Delinquency	469	14.5
Child Training 2	280	8.7
Adult Adjustment	239	7.4
Estimation of Intelligence	370	11.4
Vocational Advice	12	0.4
Other Problems	481	14.9
TOTAL	3,235	100.0

1 Includes school retardation

2 Other than delinquency

TABLE No. 6

NEW CASES BY INTELLIGENCE GRADE

INTELLIGENCE GRADE	Number of Cases	Per Cent	
Superior	199	6.2	
Normal	520	16.1)	57.2
Undiagnosed	1.329	41.1)	
Dull Normal	364	11.2)	21.6
Borderline	335	10.4)	
Moron	363	11.2)	
Imbecile	98	3.0)	15.0
Idiot	27	0.8)	
TOTAL	3,235	100.0	

TABLE No. 7

FREQUENCY OF CERTAIN SPECIFIC PSYCHIATRIC CONDITIONS

PSYCHIATRIC CONDITIONS	Number of Cases	Per Cent
Neuroses	385	11.9
Schizophrenia	237	7.3
Manic Depressive	45	3.8
Senile Dementia	122	1.4
Psychosis with Arteriosclerosis	76	2.3
General Paresis	28	0.9
Other Psychoses	110	3.4
Psychopathic Personality	8	0.2
Epilepsy	101	3.1
Alcoholism	27	0.8
Drug Addiction	3	0.1
Mental Defect	430	13.3
Miscellaneous	1,661	51.3
TOTAL	3,235	100.0

TABLE No. 8

FREQUENCY OF CERTAIN TREATMENTS RECOMMENDED

TREATMENTS RECOMMENDED	No. Receiving Treatments
Individual Psychotherapy	500
School Adjustment	208
Habit Training	247
Home Adjustment 1	383
Vocational Adjustment	131
Foster Home Care	244
Physical Care	508
Medication	198
Other	310
Institutional Care	485
Ontario Hospital Orillia	43
Other Ontario Hospitals	301
Bowmanville Boys Training School	9
Other Training Schools	35
Other Institutions	97
No Treatment Specified	466

1 Other than habit training

SUPPLEMENTARY STATISTICAL TABLES ON THE TUBERCULOSIS UNIT, ONTARIO HOSPITAL, WOODSTOCK

TABLE A.

WOODSTOCK T. B. UNIT

MOVEMENT OF PATIENT POPULATION

POPULATION	Male	Female	TOTAL
1. Patients on the Books at the beginning of the year.....			
In Residence	321	254	575
In Boarding Homes	–	–	–
On Probation	1	2	3
On Elopment (not discharged)	–	–	–
Total on the Books	322	256	578
2. Patients Admitted during the year			
First Admissions	12	7	19
Readmissions	1	2	3
Transfers received	58	39	97
Total Patients Admitted ..	71	48	119
3. Total Patients under care during the year	393	304	697
4. Patients Discharged from Books during year			
Discharged	7	2	9
Deported	–	–	–
Elopers discharged	1	0	1
Died‡	34	23	57
Transferred	25	3	28
Total Patients Discharged from books	67	28	95
5. Patients on Books at End of Year			
In Residence	321	274	595
In Boarding Homes	–	–	–
On Probation	5	2	7
On Elopment (not discharged)	–	–	–
Total on Books	326	276	602
6. Daily Average Population in Residence	322.781	266.474	589.255
7. Daily Average Population on Books	326.427	267.701	594.128

‡ Does not include deaths on probation or elopement. These are to be classed as dis-charged.

TABLE No. B

PATIENTS IN RESIDENCE BY AGE AND DIAGNOSIS

	DIAGNOSIS	TOTAL			AGE GROUP																	
					Under 10			10–14			15–19			20–24			25–29			30–34			35–39		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	17	3	20										0	2	2				0	1	1	3	0	3
	02. With other forms of Syphilis	1	0	1																					
	03. With Epidemic Encephalitis	1	2	3										0	1	1							0	1	1
	04. With other Infectious Diseases	1	1	2										0	1	1				1	0	1			
	05. Alcoholic Psychoses	1	0	1																					
	06a. Due to Opium and Other Drugs																								
	06b. Due to other Exogenous Toxins																								
	07. Traumatic Psychoses																								
	08. With Cerebral Arteriosclerosis	11	6	17																					
	09. With other Disturbances of Circulation	1	0	1																					
	10. With Convulsive Disorders (Epilepsy)	4	5	9										0	1	1							2	2	4
	11. Senile Psychoses	3	2	5																					
	12. Involutional Psychoses	4	5	9																					
	13. Due to other Metabolic, etc., Diseases																								
	14. Due to New Growth																								
	15. With Organic Changes of Nervous System																								
	16. Psychoneuroses	2	3	5										0	1	1	0	1	1	0	1	1	1	0	1
	17. Manic-Depressive Psychoses	12	18	30													1	1	2	0	1	1	1	2	3
	18. Dementia Praecox (Schizophrenia)	223	187	410										4	1	5	18	12	30	31	9	40	36	19	55
	19. Paranoia and Paranoid Conditions	0	3	3																					
	20. With Psychopathic Personality	0	1	1																					
	21. With Mental Deficiency	4	5	9										1	0	1	1	0	1	1	0	1	1	1	2
	22. Undiagnosed Psychoses																								
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	2	0	2																			1	0	1
	231b. Epileptics who are Feebleminded	1	3	4										0	2	2	1	1	2						
	232. Alcoholism																								
	233. Drug Addiction																								
	234. Mental Deficiency	29	30	59							1	2	3	3	3	6	7	5	12	5	2	7	1	6	7
	235. Disorders of Personality	1	0	1																					
	236. Psychopathic Personality																								
	237. Other Non-Psychotic Conditions	3	0	3																2	0	2	1	0	1
	24. Primary Behaviour Disorders																								
	Total 1–22	285	241	526										5	7	12	20	14	34	33	12	45	44	25	69
	Total 23–24	36	33	69							1	2	3	3	5	8	8	6	14	7	2	9	3	6	9
	GRAND TOTAL	321	274	595							1	2	3	8	12	20	28	20	48	40	14	54	47	31	78

TABLE No. B—(Concluded)

PATIENTS IN RESIDENCE BY AGE AND DIAGNOSIS

	DIAGNOSIS	AGE GROUP																							
		40–44			45–49			50–54			55–59			60–64			65–69			70 and Over			Unascertained		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	3	0	3	1	0	1	2	0	2	6	0	6	2	0	2									
	02. With other forms of Syphilis							1	0	1															
	03. With Epidemic Encephalitis				1	0	1																		
	04. With other Infectious Diseases																								
	05. Alcoholic Psychoses	1	0	1																					
	06a. Due to Opium and Other Drugs																								
	06b. Due to other Exogenous Toxins																								
	07. Traumatic Psychoses																								
	08. With Cerebral Arteriosclerosis										3	0	3	0	1	1	1	3	4	7	2	9			
	09. With other Disturbances of Circulation										1	0	1												
	10. With Convulsive Disorders (Epilepsy)				1	0	1	1	0	1	0	1	1							0	1	1			
	11. Senile Psychoses													1	0	1	0	1	1	2	1	3			
	12. Involutional Psychoses							1	0	1	0	1	1	2	2	4	1	0	1	0	2	2			
	13. Due to other Metabolic, etc., Diseases																								
	14. Due to New Growth																								
	15. With Organic Changes of Nervous System																								
	16. Psychoneuroses				1	0	1																		
	17. Manic-Depressive Psychoses	2	2	4	2	0	2	1	3	4	0	2	2	2	1	3	2	2	4	1	4	5			
	18. Dementia Praecox (Schizophrenia)	21	27	48	18	25	43	22	23	45	25	19	44	19	14	33	17	20	37	12	18	30			
	19. Paranoia and Paranoid Conditions													0	1	1	0	1	1	0	1	1			
	20. With Psychopathic Personality				0	1	1																		
	21. With Mental Deficiency							0	1	1	0	1	1							0	2	2			
	22. Undiagnosed Psychoses																								
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded													1	0	1									
	231b. Epileptics who are Feebleminded																								
	232. Alcoholism																								
	233. Drug Addiction																								
	234. Mental Deficiency	3	4	7	3	2	5	1	1	2	1	1	2	2	3	5	0	1	1	2	0	2			
	235. Disorders of Personality	1	0	1																					
	236. Psychopathic Personality																								
	237. Other Non-Psychotic Conditions																								
	24. Primary Behaviour Disorders																								
	Total 1–22	27	29	56	24	26	50	28	27	55	35	24	59	26	19	45	21	27	48	22	31	53			
	Total 23–24	4	4	8	3	2	5	1	1	2	1	1	2	3	3	6	0	1	1	2	0	2			
	GRAND TOTAL	31	33	64	27	28	55	29	28	57	36	25	61	29	22	51	21	28	49	24	31	55			

TABLE C

PATIENTS IN RESIDENCE BY PRESENT AGE AND TUBERCULOSIS STATUS

PRESENT AGE	TUBERCULOSIS STATUS																				
	For Observation			Minimal			Mod. Advanced			Far Advanced			Quiescent and Arrested			Non-Pulmonary			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10–14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15–19	...	...	...	0	1	1	...	...	...	1	1	2	...	...	...	...	...	...	1	2	3
20–24	1	1	2	1	5	6	4	3	7	1	3	4	...	...	...	1	0	1	8	12	20
25–29	3	4	7	7	3	10	9	9	18	6	3	9	3	1	4	...	...	...	28	20	48
30–34	4	3	7	8	6	14	14	2	16	10	1	11	4	2	6	...	...	...	40	14	54
35–39	8	8	16	12	7	19	15	12	27	3	1	4	9	2	11	0	1	1	47	31	78
40–44	4	7	11	6	5	11	12	8	20	4	4	8	5	9	14	...	...	...	31	33	64
45–49	3	4	7	4	5	9	11	3	14	3	1	4	6	15	21	...	...	...	27	28	55
50–54	8	2	10	4	7	11	4	4	8	5	0	5	8	13	21	0	2	2	29	28	57
55–59	6	4	10	5	4	9	12	8	20	7	2	9	6	7	13	...	...	...	36	25	61
60–64	9	4	13	3	4	7	11	5	16	2	3	5	3	6	9	1	0	1	29	22	51
65–69	5	7	12	4	5	9	5	4	9	1	3	4	5	9	14	1	0	1	21	28	49
70 and Over	7	11	18	3	5	8	11	5	16	0	1	1	3	9	12	...	...	...	24	31	55
Not Stated	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL	58	55	113	57	57	114	108	63	171	43	23	66	52	73	125	3	3	6	321	274	595

TABLE D

PATIENTS IN RESIDENCE BY TUBERCULOSIS STATUS AND DIAGNOSIS

	DIAGNOSIS	TUBERCULOSIS STATUS																				
		TOTAL			Minimal			Mod. Advanced			Far Advanced			Quiescent and Arrested			Non-Pulmonary			For Observation Only		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	10. With Syphilitic Meningo-Encephalitis	17	3	20	3	0	3	3	1	4	3	0	3	3	0	3				5	2	7
	02. With other forms of Syphilis	1	0	1							1	0	1									
	03. With Epidemic Encephalitis	1	2	3	0	1	1							1	0	1				0	1	1
	04. With other Infectious Diseases	1	1	2							1	1	2									
	05. Alcoholic Psychoses	1	0	1				1	0	1												
	06a. Due to Opium and Other Drugs																					
	06b. Due to other Exogenous Toxins																					
	07. Traumatic Psychoses																					
	08. With Cerebral Arteriosclerosis	11	6	17	1	2	3	4	0	4	3	1	4	0	2	2				3	1	4
	09. With other Disturbances of Circulation	1	0	1				1	0	1												
	10. With Convulsive Disorders (Epilepsy)	4	5	9	1	1	2	1	2	3	1	1	2							1	1	2
	11. Senile Psychoses	3	2	5	3	1	4													0	1	1
	12. Involutional Psychoses	4	5	9	2	2	4	0	2	2	1	1	2				1	0	1			
	13. Due to other Metabolic, etc., Diseases																					
	14. Due to New Growth																					
	15. With Organic Changes of Nervous System																					
	16. Psychoneuroses	2	3	5				2	0	2	0	3	3									
	17. Manic-Depressive Psychoses	12	18	30	1	5	6	5	6	11	2	3	5	2	0	2	0	1	1	2	3	5
	18. Dementia Praecox (Schizophrenia)	223	187	410	38	33	71	79	44	123	24	9	33	40	61	101	1	2	3	41	38	79
	19. Paranoia and Paranoid Conditions	0	3	3	0	1	1							0	2	2						
	20. With Psychopathic Personality	0	1	1										0	1	1						
	21. With Mental Deficiency	4	5	9	1	1	2	1	1	2	1	0	1	1	2	3				0	1	1
	22. Undiagnosed Psychoses																					
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	2	0	2				1	0	1										1	0	1
	231b. Epileptics who are Feebleminded	1	3	4	1	2	3													0	1	1
	232. Alcoholism																					
	233. Drug Addiction																					
	234. Mental Deficiency	29	30	59	6	8	14	9	7	16	4	4	8	4	5	9	1	0	1	5	6	11
	235. Disorders of Personality	1	0	1				1	0	1												
	236. Psychopathic Personality																					
	237. Other Non-Psychotic Conditions	3	0	3							2	0	2	1	0	1						
	24. Primary Behaviour Disorders																					
	Total 1–22	285	241	526	50	47	97	97	56	153	37	19	56	47	68	115	2	3	5	52	48	100
	Total 23–24	36	33	69	7	10	17	11	7	18	6	4	10	5	5	10	1	0	1	6	7	13
	GRAND TOTAL	321	274	595	57	57	114	108	63	171	43	23	66	52	73	125	3	3	6	58	55	113

TABLE No. E (1)

TRANSFERS RECEIVED FROM ONTARIO HOSPITALS DURING THE YEAR BY DIAGNOSIS AND TUBERCULOSIS STATUS

	DIAGNOSIS	TUBERCULOSIS STATUS																				
		TOTAL			Minimal			Mod. Advanced			Far Advanced			Quiescent and Arrested			Non-Pulmonary			For Observation Only		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	1	0	1				1	0	1												
	02. With other forms of Syphilis																					
	03. With Epidemic Encephalitis	0	2	2	0	1	1													0	1	1
	04. With other Infectious Diseases	1	0	1							1	0	1									
	05. Alcoholic Psychoses																					
	06a. Due to Opium and Other Drugs																					
	06b. Due to other Exogenous Toxins																					
	07. Traumatic Psychoses																					
	08. With Cerebral Arteriosclerosis	1	1	2	0	1	1				1	0	1									
	09. With other Disturbances of Circulation																					
	10. With Convulsive Disorders (Epilepsy)	2	2	4				1	1	2										1	1	2
	11. Senile Psychoses	2	0	2	2	0	2															
	12. Involutional Psychoses	2	3	5	1	2	3				1	1	2									
	13. Due to other Metabolic, etc., Diseases																					
	14. Due to New Growth																					
	15. With Organic Changes of Nervous System																					
	16. Psychoneuroses																					
	17. Manic-Depressive Psychoses	3	0	3	1	0	1	1	0	1				1	0	1						
	18. Dementia Praecox (Schizophrenia)	36	18	54	13	5	18	11	5	16	9	5	14	2	0	2				1	3	4
	19. Paranoia and Paranoid Conditions																					
	20. With Psychopathic Personality																					
	21. With Mental Deficiency	0	1	1																0	1	1
	22. Undiagnosed Psychoses																					
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded																					
	231b. Epileptics who are Feebleminded	1	2	3	1	1	2													0	1	1
	232. Alcoholism																					
	233. Drug Addiction																					
	234. Mental Deficiency	7	10	17	3	4	7				2	0	2	0	1	1				2	5	7
	235. Disorders of Personality	1	0	1				1	0	1												
	236. Psychopathic Personality	1	0	1							1	0	1									
	237. Other Non-Psychotic Conditions																					
	24. Primary Behaviour Disorders																					
	TOTAL 1-22	48	27	75	17	9	26	14	6	20	12	6	18	3	0	3				2	6	8
	TOTAL 23-24	10	12	22	4	5	9	1	0	1	3	0	3	0	1	1				2	6	8
	GRAND TOTAL	58	39	97	21	14	35	15	6	21	15	6	21	3	1	4				4	12	16

TABLE No. E (2)

FIRST AND RE-ADMISSIONS FROM SOURCES OTHER THAN ONTARIO HOSPITALS RECEIVED DURING THE YEAR BY DIAGNOSIS AND TUBERCULOSIS STATUS

	DIAGNOSIS	TUBERCULOSIS STATUS																				
		TOTAL			Minimal			Mod. Advanced			Far Advanced			Quiescent and Arrested			Non-Pulmonary			For Observation Only		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	1	0	1										1	0	1						
	02. With other forms of Syphilis																					
	03. With Epidemic Encephalitis																					
	04. With other Infectious Diseases	0	1	1							0	1	1									
	05 Alcoholic Psychoses																					
	06a Due to Opium and Other Drugs																					
	06b. Due to other Exogenous Toxins																					
	07. Traumatic Psychoses																					
	08. With Cerebral Arteriosclerosis	1	0	1							1	0	1									
	09. With other Disturbances of Circulation																					
	10. With Convulsive Disorders (Epilepsy)																					
	11. Senile Psychoses																					
	12. Involutional Psychoses	1	1	2	0	1	1				1	0	1									
	13. Due to other Metabolic, etc., Diseases																					
	14 Due to New Growth																					
	15. With Organic Changes of Nervous System																					
	16. Psychoneuroses	1	3	4							1	3	4									
	17. Manic-Depressive Psychoses	1	3	2	0	1	1	1	0	1	0	1	1									
	18. Dementia Praecox (Schizophrenia)	2	2	4							2	2	4									
	19. Paranoia and Paranoid Conditions	1	0	1							1	0	1									
	20. With Psychopathic Personality																					
	21. With Mental Deficiency																					
	22. Undiagnosed Psychoses																					
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	1	0	1										1	0	1						
	231b. Epileptics who are Feebleminded																					
	232. Alcoholism																					
	233. Drug Addiction	1	0	1										1	0	1						
	234. Mental Deficiency	1	0	1										1	0	1						
	235. Disorders of Personality																					
	236. Psychopathic Personality																					
	237. Other Non-Psychotic Conditions	2	0	2							1	0	1	1	0	1						
	24. Primary Behaviour Disorders																					
	Total 1–22	8	9	17	0	2	2	1	0	1	6	7	13	1	0	1						
	Total 23–24	5	0	5	0	0	0	0	0	0	1	0	1	4	0	4						
	GRAND TOTAL	13	9	22	0	2	2	1	0	1	7	7	14	5	0	5						

TABLE F
TRANSFERS RECEIVED DURING THE YEAR BY DIAGNOSIS AND HOSPITAL

	DIAGNOSIS	TRANSFERRED FROM ONTARIO HOSPITAL AT																							
		TOTAL			Brockville			Cobourg			Fort William			Hamilton			Kingston			Langstaff			London		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	2	0	2													1	0	1						
	02. With other forms of Syphilis																								
	03. With Epidemic Encephalitis	0	2	2																			0	1	1
	04. With other Infectious Diseases	1	1	2																					
	05. Alcoholic Psychoses																								
	06a. Due to Opium and Other Drugs																								
	06b. Due to other Exogenous Toxins																								
	07. Traumatic Psychoses																								
	08. With Cerebral Arteriosclerosis	2	1	3	1	0	1																		
	09. With other Disturbances of Circulation																								
	10. With Convulsive Disorders (Epilepsy)	2	2	4													1	0	1						
	11. Senile Psychoses	2	0	2	1	0	1																		
	12. Involutional Psychoses	3	4	7										0	1	1									
	13. Due to other Metabolic, etc., Diseases																								
	14. Due to New Growth																								
	15. With Organic Changes of Nervous System																								
	16. Psychoneuroses	1	3	4																					
	17. Manic-Depressive Psychoses	4	2	6																			1	0	1
	18. Dementia Praecox (Schizophrenia)	38	20	58	3	2	5	0	4	4	1	0	1	2	1	3	8	5	13				3	1	4
	19. Paranoia and Paranoid Conditions	1	0	1																					
	20. With Psychopathic Personality																								
	21. With Mental Deficiency	0	1	1				0	1	1															
	22. Undiagnosed Psychoses																								
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	1	0	1																					
	231b. Epileptics who are Feebleminded	1	2	3	1	0	1																		
	232. Alcoholism																								
	233. Drug Addiction	1	0	1																					
	234. Mental Deficiency	8	10	18				0	2	2							2	0	2						
	235. Disorders of Personality	1	0	1													1	0	1						
	236. Psychopathic Personality	1	0	1																					
	237. Other Non-Psychotic Conditions	2	0	2																					
	24. Primary Behaviour Disorders																								
	Total 1–22	56	36	92	5	2	7	0	5	5	1	0	1	2	2	4	10	5	15				4	2	6
	Total 23–24	15	12	27	1	0	1	0	2	2				0	0	0	3	0	3				0	0	0
	GRAND TOTAL	71	48	119	6	2	8	0	7	7	1	0	1	2	2	4	13	5	18				4	2	6

TABLE F—(Concluded)

TRANSFERS RECEIVED DURING THE YEAR BY DIAGNOSIS AND HOSPITAL

	DIAGNOSIS	TRANSFERRED FROM ONTARIO HOSPITAL AT																					
		New Toronto			Orillia			Penetang			Toronto			Whitby			Woodstock			First and Re-Admissions from Other Sources		
		M.	F.	T.	M.	F.	T	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis																			1	0	1
	02. With other forms of Syphilis																					
	03. With Epidemic Encephalitis				0	1	1															
	04. With other Infectious Diseases	1	0	1																0	1	1
	05. Alcoholic Psychoses																					
	06a. Due to Opium and Other Drugs																					
	06b. Due to other Exogenous Toxins																					
	07. Traumatic Psychoses																					
	08. With Cerebral Arteriosclerosis	0	1	1																1	0	1
	09. With other Disturbances of Circulation																					
	10. With Convulsive Disorders (Epilepsy)																1	2	3			
	11. Senile Psychoses	1	0	1																		
	12. Involutional Psychoses	0	1	1										2	1	3				1	1	2
	13. Due to other Metabolic, etc., Diseases																					
	14. Due to New Growth																					
	15. With Organic Changes of Nervous System																					
	16. Psychoneuroses																			1	3	4
	17. Manic-Depressive Psychoses	2	0	2																1	2	3
	18. Dementia Praecox (Schizophrenia)	11	3	14				1	0	1	3	2	5	4	0	4				2	2	4
	19. Paranoia and Paranoid Conditions																			1	0	1
	20. With Psychopathic Personality																					
	21. With Mental Deficiency																					
	22. Undiagnosed Psychoses																					
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded																			1	0	1
	231b. Epileptics who are Feebleminded																0	2	2			
	232. Alcoholism																					
	233. Drug Addiction																			1	0	1
	234. Mental Deficiency	2	0	2	1	7	8				1	0	1	1	1	2				1	0	1
	235. Disorders of Personality																					
	236. Psychopathic Personality							1	0	1												
	237. Other Non-Psychotic Conditions																			2	0	2
	24. Primary Behaviour Disorders																					
	Total 1–22	15	5	20	0	1	1	1	0	1	3	2	5	6	1	7	1	2	3	8	9	17
	Total 23–24	2	0	2	1	7	8	1	0	1	1	0	1	1	1	2	0	2	2	5	0	5
	GRAND TOTAL	17	5	22	1	8	9	2	0	2	4	2	6	7	2	9	1	4	5	13	9	22

TABLE G

DISCHARGES BY DIAGNOSIS AND TUBERCULOSIS STATUS ON ADMISSION

	DIAGNOSIS	TUBERCULOSIS STATUS ON ADMISSION																				
		Minimal			Mod. Advanced			Far Advanced			Quiescent and Arrested			Non-Pulmonary			For Observation Only			TOTAL		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis																					
	02. With other forms of Syphilis																					
	03. With Epidemic Encephalitis																					
	04. With other Infectious Diseases																					
	05. Alcoholic Psychoses																					
	06a. Due to Opium and Other Drugs																					
	06b. Due to other Exogenous Toxins																					
	07. Traumatic Psychoses																					
	08. With Cerebral Arteriosclerosis							1	0	1										1	0	1
	09. With other Disturbances of Circulation																					
	10. With Convulsive Disorders (Epilepsy)																					
	11. Senile Psychoses																					
	12. Involutional Psychoses																					
	13. Due to other Metabolic, etc., Diseases																					
	14. Due to New Growth																					
	15. With Organic Changes of Nervous System																					
	16. Psychoneuroses							1	0	1										1	0	1
	17. Manic-Depressive Psychoses	1	0	1	0	1	1				1	1	2							2	2	4
	18. Dementia Praecox (Schizophrenia)				1	0	1				1	0	1							2	0	2
	19. Paranoia and Paranoid Conditions																					
	20. With Psychopathic Personality																					
	21. With Mental Deficiency																					
	22. Undiagnosed Psychoses																					
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded																					
	231b. Epileptics who are Feebleminded																					
	232. Alcoholism																					
	233. Drug Addiction										1	0	1							1	0	1
	234. Mental Deficiency																					
	235. Disorders of Personality																					
	236. Psychopathic Personality																					
	237. Other Non-Psychotic Conditions							1	0	1										1	0	1
	24. Primary Behaviour Disorders																					
	Total 1–22	1	0	1	1	1	2	2	0	2	2	1	3							6	2	8
	Total 23–24	0	0	0	0	0	0	1	0	1	1	0	1							2	0	2
	GRAND TOTAL	1	0	1	1	1	2	3	0	3	3	1	4							8	2	10

TABLE H

DISCHARGES BY AGE AND DIAGNOSIS

	DIAGNOSIS	TOTAL			AGE GROUP																				
					Under 10			10–14			15–19			20–24			25–29			30–34			35–39		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	1 With Syphilitic Meningo-Encephalitis																								
	2. With other forms of Syphilis																								
	03. With Epidemic Encephalitis																								
	04. With other Infectious Diseases																								
	05. Alcoholic Psychoses																								
	06a. Due to Opium and Other Drugs																								
	06b. Due to other Exogenous Toxins																								
	07. Traumatic Psychoses																								
	08. With Cerebral Arteriosclerosis	1	0	1																					
	09. With other Disturbances of Circulation																								
	10. With Convulsive Disorders (Epilepsy)																								
	11. Senile Psychoses																								
	12. Involutional Psychoses																								
	13. Due to other Metabolic, etc., Diseases																								
	14. Due to New Growth																								
	15. With Organic Changes of Nervous System																								
	16. Psychoneuroses	1	0	1																					
	17. Manic-Depressive Psychoses	2	2	4																			0	1	1
	18. Dementia Praecox (Schizophrenia)	2	0	2																1	0	1			
	19. Paranoia and Paranoid Conditions																								
	20. With Psychopathic Personality																								
	21. With Mental Deficiency																								
	22. Undiagnosed Psychoses																								
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded																								
	231b. Epileptics who are Feebleminded																								
	232. Alcoholism																								
	233. Drug Addiction	1	0	1																					
	234. Mental Deficiency																								
	235. Disorders of Personality																								
	236. Psychopathic Personality																								
	237. Other Non-Psychotic Conditions	1	0	1																			1	0	1
	24. Primary Behaviour Disorders																								
	Total 1–22	6	2	8																1	0	1	0	1	1
	Total 23–24	2	0	2																0	0	0	1	0	1
	GRAND TOTAL	8	2	10																1	0	1	1	1	2

TABLE H—(Concluded)

DISCHARGES BY AGE AND DIAGNOSIS

	DIAGNOSIS	AGE GROUP																							
		40–44			45–49			50–54			55–59			60–64			65–69			70 and Over			Unascertained		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis																								
	02. With other forms of Syphilis																								
	03. With Epidemic Encephalitis																								
	04. With other Infectious Diseases																								
	05. Alcoholic Psychoses																								
	06a. Due to Opium and Other Drugs																								
	06b. Due to other Exogenous Toxins																								
	07. Traumatic Psychoses																								
	08. With Cerebral Arteriosclerosis													1	0	1									
	09. With other Disturbances of Circulation																								
	10. With Convulsive Disorders (Epilepsy)																								
	11. Senile Psychoses																								
	12. Involutional Psychoses																								
	13. Due to other Metabolic, etc., Diseases																								
	14. Due to New Growth																								
	15. With Organic Changes of Nervous System																								
	16. Psychoneuroses	1	0	1																					
	17. Manic-Depressive Psychoses	0	1	1										1	0	1	1	0	1						
	18. Dementia Praecox (Schizophrenia)							1	0	1															
	19. Paranoia and Paranoid Conditions																								
	20. With Psychopathic Personality																								
	21. With Mental Deficiency																								
	22. Undiagnosed Psychoses																								
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded																								
	231b. Epileptics who are Feebleminded																								
	232. Alcoholism																								
	233. Drug Addiction	1	0	1																					
	234. Mental Deficiency																								
	235. Disorders of Personality																								
	236. Psychopathic Personality																								
	237. Other Non-Psychotic Conditions																								
	24. Primary Behaviour Disorders																								
	Total 1–22	1	1	2				1	0	1				2	0	2	1	0	1						
	Total 23–24	1	0	1				0	0	0				0	0	0	0	0	0						
	GRAND TOTAL	2	1	3				1	0	1				2	0	2	1	0	1						

TABLE I

DEATHS BY AGE, SEX AND DIAGNOSIS

	DIAGNOSIS	TOTAL			AGE GROUP																				
					Under 10			10–14			15–19			20–24			25–29			30–34			35–39		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	0	1	1																			0	1	1
	02. With other forms of Syphilis																								
	03. With Epidemic Encephalitis																								
	04. With other Infectious Diseases																								
	05. Alcoholic Psychoses																								
	06a. Due to Opium and Other Drugs																								
	06b. Due to other Exogenous Toxins																								
	07. Traumatic Psychoses																								
	08. With Cerebral Arteriosclerosis	5	2	7																					
	09. With other Disturbances of Circulation																						1	0	1
	10. With Convulsive Disorders (Epilepsy)	2	1	3																					
	11. Senile Psychoses	1	0	1																					
	12. Involutional Psychoses	1	2	3																					
	13. Due to other Metabolic, etc., Diseases																								
	14. Due to New Growth																								
	15. With Organic Changes of Nervous System																								
	16. Psychoneuroses																								
	17. Manic-Depressive Psychoses	3	0	3																1	0	1			
	18. Dementia Praecox (Schizophrenia)	17	14	31													4	1	5	0	1	1	3	2	5
	19. Paranoia and Paranoid Conditions	1	0	1																			1	0	1
	20. With Psychopathic Personality																								
	21. With Mental Deficiency	0	1	1																					
	22. Undiagnosed Psychoses																								
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded																								
	231b. Epileptics who are Feebleminded																								
	232. Alcoholism																								
	233. Drug Addiction																								
	234. Mental Deficiency	2	2	4													1	0	1	1	0	1	0	1	1
	235. Disorders of Personality																								
	236. Psychopathic Personality	1	0	1																					
	237. Other Non-Psychotic Conditions																								
	24. Primary Behaviour Disorders	1	0	1													1	0	1						
	Total 1–22	30	21	51													4	1	5	1	1	2	5	3	8
	Total 23–24	4	2	6													2	0	2	1	0	1	0	1	1
	GRAND TOTAL	34	23	57													6	1	7	2	1	3	5	4	9

TABLE I—(Concluded)
DEATHS BY AGE, SEX AND DIAGNOSIS

	DIAGNOSIS	AGE GROUP																							
		40–44			45–49			50–54			55–59			60–64			65–69			70 and Over			Unascertained		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M	F	T.	M.	F	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis																								
	02. With other forms of Syphilis																								
	03. With Epidemic Encephalitis																								
	04. With other Infectious Diseases																								
	05. Alcoholic Psychoses																								
	06a. Due to Opium and Other Drugs																								
	06b. Due to other Exogenous Toxins																								
	07. Traumatic Psychoses																								
	08. With Cerebral Arteriosclerosis							1	0	1				2	1	3	0	1	1	2	0	2			
	09. With other Disturbances of Circulation																								
	10. With Convulsive Disorders (Epilepsy)													0	1	1	1	0	1						
	11. Senile Psychoses																			1	0	1			
	12. Involutional Psychoses																1	0	1	0	2	2			
	13. Due to other Metabolic, etc., Diseases																								
	14. Due to New Growth																								
	15. With Organic Changes of Nervous System																								
	16. Psychoneuroses																								
	17. Manic-Depressive Psychoses							1	0	1										1	0	1			
	18. Dementia Praecox (Schizophrenia)	1	1	2	1	2	3	1	1	2	2	2	4	3	2	5				2	2	4			
	19. Paranoia and Paranoid Conditions																								
	20. With Psychopathic Personality																								
	21. With Mental Deficiency				0	1	1																		
	22. Undiagnosed Psychoses																								
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded																								
	231b. Epileptics who are Feebleminded																								
	232. Alcoholism																								
	233. Drug Addiction																								
	234. Mental Deficiency													0	1	1									
	235. Disorders of Personality																								
	236. Psychopathic Personality				1	0	1																		
	237. Other Non-Psychotic Conditions																								
	24. Primary Behaviour Disorders																								
	Total 1–22	1	1	2	1	3	4	3	1	4	2	2	4	5	4	9	2	1	3	6	4	10			
	Total 23–24	0	0	0	1	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0			
	GRAND TOTAL	1	1	2	2	3	5	3	1	4	2	2	4	5	5	10	2	1	3	6	4	10			

CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	General Paresis			With Cerebral Arterio-sclerosis			With Convulsive Disorder (Epil.)			Senile			Involu-tional			Manic Depressive		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Tuberculosis of Respiratory System	0	1	1	3	1	4	0	1	1	–	–	–	1	1	2	2	0	2
Other forms of Tuberculosis	–	–	–	0	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Cancer and Other Malignant Tumours	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral Haemorrhage Embolism and Thrombosis	–	–	–	–	–	–	–	–	–	–	–	–	0	1	1	–	–	–
Acute and Chronic Endo-carditis Valvular Diseases	–	–	–	–	–	–	1	0	1	–	–	–	–	–	–	–	–	–
Disease of the Myocardium	–	–	–	1	0	1	–	–	–	1	0	1	–	–	–	1	0	0
Diseases of the Coronary Arteries and Angina Pectoris	–	–	–	1	0	1	1	0	1	–	–	–	–	–	–	–	–	–
Nephritis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TOTAL	0	1	1	5	2	7	2	1	3	1	0	1	1	2	3	3	0	3

TABLE J (Continued)
CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	Dementia Praecox (Schizo-phrenia)			Paranoia and Paranoid Conditions			With Mental Deficiency			Without Psychois and Primary Behaviour Disorders			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Tuberculosis of Respiratory System	14	10	24	1	0	1	0	1	1	4	1	5	25	16	41
Other forms of Tuberculosis	0	1	1	–	–	–	–	–	–	0	1	1	0	3	3
Cancer and Other Malignant Tumours	1	1	2	–	–	–	–	–	–	–	–	–	1	1	2
Cerebral Haemorrhage Embolism and Thrombosis	0	1	1	–	–	–	–	–	–	–	–	–	0	2	2
Acute and Chronic Endocarditis Valvular Diseases	–	–	–	–	–	–	–	–	–	–	–	–	1	0	1
Diseases of the Myocardium	2	0	2	–	–	–	–	–	–	–	–	–	5	0	5
Diseases of the Coronary Arteries and Angina Pectoris	–	–	–	–	–	–	–	–	–	–	–	–	2	0	2
Nephritis	0	1	1	–	–	–	–	–	–	–	–	–	0	1	1
TOTAL	17	14	31	1	0	1	0	1	1	4	2	6	34	23	57

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